Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Filing at a Glance

Company: Allstate Property & Casualty Insurance Company

Product Name: Private Passenger Auto SERFF Tr Num: ALSX-125897531 State: Arkansas

TOI: 19.0 Personal Auto SERFF Status: Closed State Tr Num: EFT \$100

Sub-TOI: 19.0001 Private Passenger Auto Co Tr Num: R20571 State Status: Fees verified and

(PPA) received

Filing Type: Rate Co Status: Reviewer(s): Alexa Grissom, Betty

Montesi

Author: SPI AllState Disposition Date: 12/02/2008

Date Submitted: 11/11/2008 Disposition Status: Filed

Effective Date Requested (New): 02/23/2009 Effective Date (New): 02/23/2009

Effective Date Requested (Renewal): 03/30/2009 Effective Date (Renewal):

03/30/2009

State Filing Description:

General Information

Project Name: Rate Filing Status of Filing in Domicile:
Project Number: R20571 Domicile Status Comments:

Reference Organization: Reference Number:
Reference Title: Advisory Org. Circular:

Filing Status Changed: 12/02/2008

State Status Changed: 11/17/2008 Deemer Date:

Corresponding Filing Tracking Number:

Filing Description:

With this filing, Allstate Property & Casualty Insurance Company (AP&C) is proposing a 4.4% rate level increase for private passenger automobile in the state of Arkansas. The increase will be achieved by rate level increases for Bodily Injury, Property Damage, and Medical coverages. With this change, Allstate is revising Rate Adjustment Factors, the Future Effective Date (FED) Discount structure and factors, and the Insurance Group placement for No-Hits and Thin-Files.

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

The 4.4% rate level change will result in approximately \$1.2 million of additional premium.

The target effective date for new business written and renewals processed is February 23, 2009, and renewal business effective March 30, 2009.

Attachment A: Summary of Selected Rate Level Changes

Attachment B: Actuarial Standards of Practice

Material Changes in Sources of Data, Assumptions, or Methods

Formula Calculations for Rate Level Indications

Attachment C: Revision to Future Effective Date Discount

Attachment D: Revision to Insurance Score for No-Hits and Thin-Files

Attachment E: Rate Level Impact of Revisions
Attachment F: Summary of Manual Changes

Company and Contact

Filing Contact Information

Chris Ewing,

2775 Sanders Road (847) 402-5000 [Phone] Northbrook, IL 60062 (847) 402-9757[FAX]

Filing Company Information

Allstate Property & Casualty Insurance CoCode: 17230 State of Domicile: Illinois

Company

2775 Sanders Road Group Code: 8 Company Type:

Suite A5

Northbrook, IL 60062 Group Name: Allstate State ID Number:

(847) 402-5000 ext. [Phone] FEIN Number: 36-3341779

Filing Fees

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Fee Required? Yes

Fee Amount: \$100.00

Retaliatory? No

Fee Explanation: There is no retaliatory fee for this type of filing

Per Company: No

COMPANY AMOUNT DATE PROCESSED TRANSACTION #

Allstate Property & Casualty Insurance \$100.00 11/11/2008 23847566

Company

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Correspondence Summary

Dispositions

Status	Created By	Created On	Date Submitted		
Filed	Alexa Grissom	12/02/2008	12/02/2008		
Deemed	Alexa Grissom	12/02/2008	12/02/2008		

Objection Letters and Response Letters

Objection Letters
Status Created By Created On Date Submitted Responded By Created On Date Submitted

Pending Alexa Grissom 11/17/2008 11/17/2008 SPI AllState 11/20/2008 11/20/2008

Industry Response

Amendments

Item	Schedule	Created By	Created On	Date Submitted
ManualR205	7Rate	SPI AllState	11/12/2008	11/12/2008

SERFF Tracking Number: ALSX-125897531 State: Arkansas EFT \$100 State Tracking Number:

Filing Company: Allstate Property & Casualty Insurance Company

R20571

Company Tracking Number:

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto

Rate Filing/R20571 Project Name/Number:

Disposition

Disposition Date: 12/02/2008

Effective Date (New): 02/23/2009

Effective Date (Renewal): 03/30/2009

Status: Filed Comment:

Company Name:	Overall % Rate Impact:	Written Premium Change for this	# of Policy Holders	Premium:	Maximum % Change (where	Minimum % Change (where	Overall % Indicated
		Program:	Affected for this		required):	required):	Change:
			Program:				
Allstate Property & Casualty Insurance Company	4.400%	\$1,200,000	24,062	\$27,739,496	20.100%	-4.200%	5.200%

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Item Type	Item Name	Item Status	Public Access
Supporting Document	NAIC Loss Cost Filing Document for	Filed	Yes
•	OTHER than Workers' Comp		
Supporting Document	A-1 Private Passenger Auto Abstract	Filed	Yes
Supporting Document	APCS-Auto Premium Comparison Surve	y Filed	Yes
Supporting Document	Uniform Transmittal Document-Property	&Filed	Yes
	Casualty		
Supporting Document	NAIC loss cost data entry document	Filed	Yes
Supporting Document	RateRuleSchedule, ActIndMemo01,	Filed	Yes
	ActIndMemo02		
Supporting Document	Nov 17 Objection Response	Filed	Yes
Rate	ManualR20571	Filed	Yes
Rate	CheckingListR20571	Filed	Yes
Rate	ManualR20571	Filed	Yes

SERFF Tracking Number: ALSX-125897531 State: Arkansas EFT \$100 State Tracking Number:

Filing Company: Allstate Property & Casualty Insurance Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto

Rate Filing/R20571 Project Name/Number:

Disposition

Disposition Date: 12/02/2008

Effective Date (New): 02/23/2009

Effective Date (Renewal): 03/30/2009

Status: Deemed

Comment:

Company Name:	Overall % Rate	Written Premium	# of Policy	Premium:	Maximum %	Minimum %	Overall %
	Impact:	Change for this	Holders		Change (where	Change (where	Indicated
		Program:	Affected for		required):	required):	Change:
			this				
			Program:				
Allstate Property &	4.400%	\$1,200,000	24,062	\$27,739,496	20.100%	-4.200%	5.200%
Casualty Insurance							
Company							

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Item Type	Item Name	Item Status	Public Access
Supporting Document	NAIC Loss Cost Filing Document for	Filed	Yes
•	OTHER than Workers' Comp		
Supporting Document	A-1 Private Passenger Auto Abstract	Filed	Yes
Supporting Document	APCS-Auto Premium Comparison Surve	y Filed	Yes
Supporting Document	Uniform Transmittal Document-Property	&Filed	Yes
	Casualty		
Supporting Document	NAIC loss cost data entry document	Filed	Yes
Supporting Document	RateRuleSchedule, ActIndMemo01,	Filed	Yes
	ActIndMemo02		
Supporting Document	Nov 17 Objection Response	Filed	Yes
Rate	ManualR20571	Filed	Yes
Rate	CheckingListR20571	Filed	Yes
Rate	ManualR20571	Filed	Yes

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Objection Letter

Objection Letter Status Pending Industry Response

Objection Letter Date 11/17/2008 Submitted Date 11/17/2008

Respond By Date Dear Chris Ewing,

This will acknowledge receipt of the captioned filing. Please advise why you are not requesting a decrease for comprehensive, since the indication is for a 36 percent decrease.

Please feel free to contact me if you have questions.

Sincerely,

Alexa Grissom

Response Letter

Response Letter Status Submitted to State

Response Letter Date 11/20/2008 Submitted Date 11/20/2008

Dear Alexa Grissom,

Comments:

In response to the November 17 objection

Response 1

Comments: Please review the attached material.

Changed Items:

Supporting Document Schedule Item Changes

Satisfied -Name: Nov 17 Objection Response

Comment:

No Form Schedule items changed.

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

No Rate/Rule Schedule items changed.

Please contact Chris Ewing at 847-402-7309 or chris.ewing@allstate.com if you have further questions or need additional information.

Sincerely, SPI AllState

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Amendment Letter

Amendment Date:

Submitted Date: 11/12/2008

Comments:

There was a small typo found on one of the manual pages therefore the typo was corrected and attached is the result. This typo did not affect rates.

I apologize for any inconvenience,

Chris Ewing

Changed Items:

Rate/Rule Schedule Item Changes:

Exhibit Name: Rule # or Rate Previous State Attach
Page #: Action: Filing Numbers: Document:

ManualR20571 R20571 Replacement R20571.PDF

SERFF Tracking Number: ALSX-125897531 State: Arkansas

Filing Company: Allstate Property & Casualty Insurance Company State Tracking Number: EFT \$100

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto

Project Name/Number: Rate Filing/R20571

Rate Information

Rate data applies to filing.

File and Use Filing Method:

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 6.000%

Effective Date of Last Rate Revision: 09/15/2008

Filing Method of Last Filing: File and Use

Company Rate Information

Company Name:	Overall %	Overall % Rate	Written	# of Policy	Premium:	Maximum %	Minimum %
	Indicated	Impact:	Premium	Holders		Change (where	Change (where
	Change:		Change for	Affected for this		required):	required):
			this	Program:			
			Program:				
Allstate Property &	5.200%	4.400%	\$1,200,000	24,062	\$27,739,496	20.100%	-4.200%
Casualty Insurance							

Company

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Rate/Rule Schedule

Review Status:	Exhibit Name:	Rule # or Page #:	Rate Action	Previous State Filing Attac Number:	chments
Filed	ManualR20571	R20571	Replacement	R205	571.PDF
Filed	CheckingListR20571	R20571	New	R205	571.PDF
Filed	ManualR20571	R20571	Replacement	R205	571.PDF

PRIVATE PASSENGER AUTO INSURANCE MANUAL

RULE 23 – POLICY GROUP

Each policy will be assigned to a Policy Group based on the Insurance Score assigned when the credit report(s) ordered in connection with the policy were requested.

A. INITIAL POLICY GROUP ASSIGNMENT

For Policy Group assignment on or after 9/19/2005:

Dollar	T.,
<u>Policy</u>	<u>Insurance</u>
<u>Group</u>	<u>Score</u>
1	0-381
2	382-388
3	389-395
4	396-402
5	403-409
6	410-417
7	418-425
8	426-433
9	434-446
10	447-460
11	461-476
12	477-490
13	491-506
14	507-524
15	525-546
16	547-999

With respect to credit reports requested on and after 2/23/09 where a credit report cannot be obtained, or where a credit report consists only of inquiries, an Insurance Score will be assigned based on the age of the individual at the time of the credit report request as follows:

Age	Insurance Score	
Less than 19 years old	455	
19 – 64 years old	590	
65 years old or older	430	

With respect to credit reports requested from 9/19/2005 to 2/23/2009, where a credit report cannot be obtained, or where a credit report consists only of inquiries, an Insurance Score will be assigned based on the age of the individual at the time of the credit report request as follows:

Age	Insurance Score
Less than 19 years old	455
19 – 64 years old	505
65 years old or older	430

RULE 62 - FUTURE EFFECTIVE DATE DISCOUNT

The applicable rates will be reduced by the appropriate factor shown in the Automobile Rating Section if the following criteria are satisfied:

- 1. The application for the Allstate Property and Casualty Insurance Company policy is completed 7 or more days before the policy effective date at New Business.
- 2. The policyholder has prior insurance with no lapse in coverage at New Business. A policyholder will be considered to have a lapse at New Business if there is a lapse of 1 day or more between the expiration date of the prior policy and the New Business effective date of the Allstate Property and Casualty Insurance Company policy.

Note: Military personnel returning from active duty will be defined to have had no lapse at new business if:

- a. they had liability insurance coverage in good standing at the time of leaving for active duty, and
- b. can show proof that such active duty was the reason for the loss of continuity of insurance coverage.

Exception: In the case of a customer move from another state, if the policy was receiving the Future Effective Date Discount in the previous state, the discount will also apply to the Arkansas Allstate Property and Casualty Insurance Company policy.

The discount will apply only during the first three policy periods.

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO PREMIUM CALCULATION

ROUND AFTER EACH CALCULATION TO THE NEAREST PENNY

STE	P ROUND AT TER EACH CALCULATIO							
1	TERRITORIAL BASE RATE (RP-4A and 24A)	AA _	BB	VC	VM	vw	DD	HH
2	RATE ADJUSTMENT FACTOR	x 1.234	x 1.235					
3	INCREASED LIMIT FACTOR/ADDEND (RP-5A)	1.234	1.233	x 1.636	x 1.004	x 1.004	x 0.999	t 0.998
4	DRIVER CLASSIFICATION FACTOR (RP-6A through 9A)		Ţ		+	+	X 2	
5	ECONOMY CAR DISCOUNT (RP-18A)		ļ	X.	100		X 2	
6	HOUSEHOLD COMPOSITION FACTOR (RP-20A)	1	<u> </u>	x				· :
7	MODEL YEAR FACTOR (RP-21A)	3.	1^				, , ,	
8	DEDUCTIBLE BY PGS FACTOR (RP-21A)							,
9	EXPERIENCE GROUP RATING FACTOR (EGR PAGES)	x	¥	¥			. .	· · · · · · · · · · · · · · · · · · ·
10	NEW CAR DISCOUNT (RP-16A)	x	x	x				
11	FIRE AND THEFT FACTOR (RP-24A)				٠.			
12	UTILITY DISCOUNT (RP-18A)	x	x	x	100		x .	
13	RESIDENT STUDENT DISCOUNT (RP-18A)	x	x				x	
14	GOOD STUDENT DISCOUNT (RP-18A)	x	x	x			x x	
15	PASSIVE RESTRAINT DISCOUNT (RP-18A)			x	x	x	100 (100)	
16	MERIT FACTOR (RP-22A)	z	x	x		18. 84	x	
17	MINOR VIOLATION FACTOR (RP-23A)	x	x				x	
18	INEXP. OPERATOR SURCHARGE FACTOR (RP-18A)	x	x				x	
19	MAJOR VIOLATION SURCHARGE FACTOR (RP-23A)	x	x				x	
20	FARM DISCOUNT FACTOR (RP-19A)	x	x				x	
21	CAMPER UNIT ADDITIONAL PREMIUM (RP-24A)						+ +	-
	55 AND RETIRED DISCOUNT (RP-18A)	X.	x	x			x x	
23	ACCIDENT PREVENTION COURSE DISCOUNT (RP-18A)	X .	x				x x	
24	TIER (RP-10A through 15A)	x	x	x			x x	
25	PREMIER PLUS DISCOUNT (RP-16A)	x	x	x			x x	
	PREMIER DISCOUNT (RP-16A)	x	x	x			x x	
	MULTIPLE POLICY DISCOUNT (RP-17A)	x	x	x			x x	
	CERTIFIED RISK SURCHARGE FACTOR (RP-18A)	3	x					
29	ANTI-LOCK BRAKE DISCOUNT (RP-18A)	x	x				X	
	THE GOOD HANDS PEOPLE® DISCOUNT (RP-18A)	x.	x	X			x x	
	THE GOOD PAYER DISCOUNT FACTOR (RP-19A)	x	x	x		1 1	x x	
32 .	THE ALLSTATE EASY PAY PLAN DISCOUNT (RP-19A)	x	x	x			x x	
	FUTURE EFFECTIVE DATE DISCOUNT (RP-19A)	x	x	x		:	x x	
34	ALLSTATE® YOUR CHOICE AUTO INSURANCE OPTION PACKAGE FACTOR (RP-19A)	x	X	X	,		z z	
35	TOTAL COVERAGE PREMIUM	<u> </u>			<u> </u>			
36	UM COVERAGE (SS)							
1 ~	UM - BI BASE RATE (RP-4A)				N	OTES		
1	RATE ADJUSTMENT FACTOR	x 1.023			111	JIES		
	UM - BI INCREASED LIMIT FACTOR (RP-5A)	v 1.025						
	UM - PD INCREASED LIMIT ADDEND (RP-5A)	+			Territory #:			
	TOTAL UM COVERAGE PREMIUM	=	1		1411.01, 21			
					Tier:			i
37	UIM COVERAGE (SU)							
l	UIM - BI BASE RATE (RP-4A)		1		Classification:			
l	RATE ADJUSTMENT FACTOR	x 1,020						
	UM - BI INCREASED LIMIT FACTOR (RP-5A)	x z		Limi	its of Liability:			
	TOTAL UIM COVERAGE PREMIUM	=			Ť			
					Model Year:			
38	RENTAL REIMBURSEMENT (UU)		Í					
l	RENTAL REIMBURSEMENT BASE RATE (RP-24A)				PGS:			
	RENTAL REIMBURSEMENT LIMIT FACTOR (RP-5A)	x	1					
	TOTAL RENTAL REIMBURSEMENT COVERAGE PREMIUM	=		DD/H	H Deductibles:			
								į
39	TOWING (JJ) (RP-24A)		8					
	SOUND SYSTEMS (ZA) (RP-24A)	+						
	TAPE (ZZ) (RP-24A)	+						
l	NEW CAR EXPANDED PROTECTION (NC) (RP-3A)	+	I					
L	TOTAL MISCELLANEOUS COVERAGES	=						
40	TOTAL SEMI-ANNUAL PREMIUM =							
			l					

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO NEW CAR EXPANDED PROTECTION PREMIUM CALCULATION

ROUND AFTER EACH CALCULATION TO THE NEAREST PENNY

NEW CAR EXPANDED PROTECTION COVERAGE (NC) - RULE 53*

STEP#		DD	HH
1	TERRITORIAL BASE RATE (RP-4A)		
2	RATE ADJUSTMENT FACTOR (RP-2A)	x 0.99	9 x 0.998
3	DRIVER CLASSIFICATION FACTOR (RP-6A through 9A)	x	x
4	HOUSEHOLD COMPOSITION FACTOR (RP-20A)	х	x
5	MODEL YEAR FACTOR (RP-21A)	x	X
6	DEDUCTIBLE BY PGS FACTOR* (RP-21A)	x	X
7	EXPERIENCE GROUP RATING FACTOR (EGR PAGES)	x	х
8	NEW CAR DISCOUNT FACTOR (RP-16A)	X	х
9	UTILITY DISCOUNT (RP-18A)	x	x
10	RESIDENT STUDENT DISCOUNT FACTOR (RP-18A)	x	
11	GOOD STUDENT DISCOUNT FACTOR (RP-18A)	x	х
12	MERIT FACTOR (RP-22A)	x	
13	MINOR VIOLATION FACTOR (RP-23A)	х	
14	INEXPERIENCED OPERATOR SURCHARGE FACTOR (RP-18A)	X	
15	MAJOR VIOLATION SURCHARGE FACTOR (RP-23A)	x	
16	FARM DISCOUNT FACTOR (RP-19A)	х	
17	55 AND RETIRED DISCOUNT FACTOR (RP-18A)	x	x
18	ACCIDENT PREVENTION COURSE DISCOUNT (RP-18A)	х	x
19	TIER FACTOR (RP-10A through 15A)	х	х
20	PREMIER PLUS DISCOUNT FACTOR (RP-16A)	x	x
21	PREMIER DISCOUNT FACTOR (RP-16A)	х	x
22	MULTIPLE POLICY DISCOUNT FACTOR (RP-17A)	x	x
23	ANTI-LOCK BRAKE DISCOUNT (RP-18A)	x	
24	THE GOOD HANDS PEOPLE® DISCOUNT FACTOR (RP-18A)	x	X
25	THE GOOD PAYER DISCOUNT FACTOR (RP-19A)	x	X
26 .	THE ALLSTATE EASY PAY PLAN DISCOUNT (RP-19A)	x	x
	FUTURE EFFECTIVE DATE DISCOUNT (RP-19A)	x	х .
28	ALLSTATE® YOUR CHOICE AUTO INSURANCE OPTION PACKAGE FACTOR (RP-19A)	X	x
	NEW CAR EXPANDED PROTECTION FACTOR (RP-24A)	lx .	X
30	TOTAL COVERAGE PREMIUM		

^{*\$100} DEDUCTIBLE FOR COLLISION, \$50 FOR COMPREHENSIVE

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO RATING FACTORS

		RATING	RATING FACTOR						
RATING PLAN	RULE	GROUP	AA	<u>BB</u>	_vc_	_DD_	_нн_		
FARM DISCOUNT	37	*	0.90	0.90	N/A	0.90	. N/A		
GOOD PAYER DISCOUNT	60	*	0.95	0.93	0.95	0.93	0.95		
ALLSTATE EASY PAY PLAN DISCOUNT	61								
Allstate		*	0.95	0.95	0.95	0.95	0.95		
Gold Protection		*	0.95	0.95	0.95	0.95	0.95		
Platinum Protection		*	0.95	0.95	0.95	0.95	0.95		
FUTURE EFFECTIVE DATE DISCOUNT	62								
Number of Times Renewed									
0		*	0.90	0.90	0.90	0.90	0.90		
1		*	0.90	0.90	0.90	0.90	0.90		
2		*	0.95	0.95	0.95	0.95	0.95		
3		*	1.00	1.00	1.00	1.00	1.00		
4		*	1.00	1.00	1.00	1.00	1.00		
5+		*	1.00	1.00	1.00	1.00	1.00		
ALLSTATE® YOUR CHOICE AUTO									
INSURANCE OPTION PACKAGE FACTORS	52								
Alistate Value Plan		*	0.87	0.87	0.87	0.87	0.87		
Allstate			1.00	1.00	1.00	1.00	1.00		
Gold Protection		*	1.07	1.07	1.07	1.07	1.07		
Platinum Protection		*	1.15	1.15	1.15	1.15	1.15		

^{*} All Rating Groups

CHECKING LIST FOR PRIVATE PASSENGER AUTO

Printing dates are shown on each page to facilitate identification of different editions, but have no direct connection with the effective date of the page.

RULES

Enclosed: Page 23-1 dated 3-1-2009

Page 62-1 dated 3-1-2009

Withdrawn: Page 23-1 dated 7-1-2005

Page 62-1 dated 9-1-2007

PREMIUM SECTION

Enclosed: Page RP-2A dated 3-1-2009

Page RP-3A dated 3-1-2009 Page RP-19A dated 3-1-2009

Withdrawn: Page RP-2A dated 9-30-2008

Page RP-3A dated 9-30-2008 Page RP-19A dated 9-30-2008

Filing Number: R20571

Allstate Property and Casualty Insurance Company

PRIVATE PASSENGER AUTO INSURANCE MANUAL

RULE 23 – POLICY GROUP

Each policy will be assigned to a Policy Group based on the Insurance Score assigned when the credit report(s) ordered in connection with the policy were requested.

A. INITIAL POLICY GROUP ASSIGNMENT

For Policy Group assignment on or after 9/19/2005:

<u>Policy</u>	<u>Insurance</u>
<u>Group</u>	<u>Score</u>
1	0-381
2	382-388
3	389-395
4	396-402
5	403-409
6	410-417
7	418-425
8	426-433
9	434-446
10	447-460
11	461-476
12	477-490
13	491-506
14	507-524
15	525-546
16	547-999

With respect to credit reports requested on and after 2/23/09 where a credit report cannot be obtained, or where a credit report consists only of inquiries, an Insurance Score will be assigned based on the age of the individual at the time of the credit report request as follows:

Age	Insurance Score
Less than 19 years old	455
19 – 64 years old	590
65 years old or older	430

With respect to credit reports requested from 9/19/2005 to 2/23/2009, where a credit report cannot be obtained, or where a credit report consists only of inquiries, an Insurance Score will be assigned based on the age of the individual at the time of the credit report request as follows:

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RULE 62 - FUTURE EFFECTIVE DATE DISCOUNT

The applicable rates will be reduced by the appropriate factor shown in the Automobile Rating Section if the following criteria are satisfied:

- 1. The application for the Allstate Property and Casualty Insurance Company policy is completed 7 or more days before the policy effective date at New Business.
- 2. The policyholder has prior insurance with no lapse in coverage at New Business. A policyholder will be considered to have a lapse at New Business if there is a lapse of 1 day or more between the expiration date of the prior policy and the New Business effective date of the Allstate Property and Casualty Insurance Company policy.

Note: Military personnel returning from active duty will be defined to have had no lapse at new business if:

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- b. can show proof that such active duty was the reason for the loss of continuity of insurance coverage.

Exception: In the case of a customer move from another state, if the policy was receiving the Future Effective Date Discount in the previous state, the discount will also apply to the Arkansas Allstate Property and Casualty Insurance Company policy.

The discount will apply only during the first three policy periods.

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO PREMIUM CALCULATION

ROUND AFTER EACH CALCULATION TO THE NEAREST PENNY

#		AA	BB	VC	VM	vw	DD	HH
1	TERRITORIAL BASE RATE (RP-4A and 24A)							
2	RATE ADJUSTMENT FACTOR	x 1.243	x 1.23	5 x 1.636	x 1,004	x 1.004	x 0.999	x 0.998
3	INCREASED LIMIT FACTOR/ADDEND (RP-5A)	1	÷	x	+	+	5 - 5 - 5 - 5	
4	DRIVER CLASSIFICATION FACTOR (RP-6A through 9A)	x	x	1			x	x
5	ECONOMY CAR DISCOUNT (RP-18A)	x	x					17 m 18 m
6	HOUSEHOLD COMPOSITION FACTOR (RP-20A)	X	x	x			X.	x
7	MODEL YEAR FACTOR (RP-21A)						x	x
8	DEDUCTIBLE BY PGS FACTOR (RP-21A)						x	x
. 9	EXPERIENCE GROUP RATING FACTOR (EGR PAGES)	x	x	x		1.0	x	x
10	NEW CAR DISCOUNT (RP-16A)	x	x	х .			ı	x
11	FIRE AND THEFT FACTOR (RP-24A)						A 4	x
12	UTILITY DISCOUNT (RP-18A)	x	x	x			x -	x
13	RESIDENT STUDENT DISCOUNT (RP-18A)	x	x	1,000			x	
14	GOOD STUDENT DISCOUNT (RP-18A)	x	x	X			x	z
15	PASSIVE RESTRAINT DISCOUNT (RP-18A)			x	ĸ	x		4:5
16	MERIT FACTOR (RP-22A)	τ.	x	x		1000	ı	
17	MINOR VIOLATION FACTOR (RP-23A)	x	x				x	
18	INEXP. OPERATOR SURCHARGE FACTOR (RP-18A)	¥	x	1,			x	
19	MAJOR VIOLATION SURCHARGE FACTOR (RP-23A)	x	x				x	
20	FARM DISCOUNT FACTOR (RP-19A)	x	x			,	x	
21	CAMPER UNIT ADDITIONAL PREMIUM (RP-24A)						+	÷
22	55 AND RETIRED DISCOUNT (RP-18A)	X .	X	z				ĸ
23	ACCIDENT PREVENTION COURSE DISCOUNT (RP-18A)	x .	x ⁱ	4 1 4 4 5			x i	ί.
24	TIER (RP-10A through 15A)	χ	x	х			x .	,
25	PREMIER PLUS DISCOUNT (RP-16A)	r .	x	x		- 1- 1- ,	x :	
26	PREMIER DISCOUNT (RP-16A)		x	x		,	x ,	
27	MULTIPLE POLICY DISCOUNT (RP-17A)		x	x				
28	CERTIFIED RISK SURCHARGE FACTOR (RP-18A)		x	3.11.1			The second	
29	ANTI-LOCK BRAKE DISCOUNT (RP-18A)	(x				r i	3,4,474,477
30	THE GOOD HANDS PEOPLE® DISCOUNT (RP-18A)		x	x			,	
31	THE GOOD PAYER DISCOUNT FACTOR (RP-19A)		х	x		,	,	
32	THE ALLSTATE EASY PAY PLAN DISCOUNT (RP-19A)		x	x			,	
33	FUTURE EFFECTIVE DATE DISCOUNT (RP-19A)		χ.	x			,	
34	ALLSTATE® YOUR CHOICE AUTO INSURANCE OPTION PACKAGE FACTOR (RP-19A)		x	x		* x	, ,	
35	TOTAL COVERAGE PREMIUM				İ	Ī	i	
36	UM COVERAGE (SS)							
	ÚM - BI BASERATE (RP-4A)				NO	TES		
	RATE ADJUSTMENT FACTOR	1.023						1
	UM - BI INCREASED LIMIT FACTOR (RP-5A)							
	UM - PD INCREASED LIMIT ADDEND (RP-5A)	-			Territory #:			ŀ
i	TOTAL UM COVERAGE PREMIUM	z .						1
					Tier:			1
37	UIM COVERAGE (SU)							
	UIM - BI BASE RATE (RP-4A)			•	Classification;			
	RATE ADJUSTMENT FACTOR 3	1.020						
	UM - BI INCREASED LIMIT FACTOR (RP-5A)			Limit	s of Liability:			-
	TOTAL UIM COVERAGE PREMIUM	:	1					
					Model Year:			
38	RENTAL REIMBURSEMENT (UU)							
	RENTAL REIMBURSEMENT BASE RATE (RP-24A) RENTAL REIMBURSEMENT LIMIT FACTOR (RP-5A)				PGS:			
	TOTAL REMBURSEMENT COVERAGE PREMIUM =			D.D. ###				
	TOTAL RENTAL REMIDURSEMENT COVERAGE PREMIUM =			DD/HH	Deductibles:			
39	TOWING (JJ) (RP-24A)							
	SOUND SYSTEMS (ZA) (RP-24A) +		**					
	TAPE (ZZ) (RP-24A) +							
	NEW CAR EXPANDED PROTECTION (NC) (RP-3A) +							j
	TOTAL MISCELLANEOUS COVERAGES =							
<u>.</u>			1					
40	TOTAL SEMI-ANNUAL PREMIUM =	7						

STEP

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO NEW CAR EXPANDED PROTECTION PREMIUM CALCULATION

ROUND AFTER EACH CALCULATION TO THE NEAREST PENNY

NEW CAR EXPANDED PROTECTION COVERAGE (NC) - RULE 53*

STEP#	,	DD	HH
1	TERRITORIAL BASE RATE (RP-4A)		
2	RATE ADJUSTMENT FACTOR (RP-2A)	x 0.99	9 x 0.998
3	DRIVER CLASSIFICATION FACTOR (RP-6A through 9A)	X	х
4	HOUSEHOLD COMPOSITION FACTOR (RP-20A)	х .	X
5	MODEL YEAR FACTOR (RP-21A)	x	x
6	DEDUCTIBLE BY PGS FACTOR* (RP-21A)	x	х
7	EXPERIENCE GROUP RATING FACTOR (EGR PAGES)	x	х
8	NEW CAR DISCOUNT FACTOR (RP-16A)	x	x
9	UTILITY DISCOUNT (RP-18A)	x	x
10	RESIDENT STUDENT DISCOUNT FACTOR (RP-18A)	x	
11	GOOD STUDENT DISCOUNT FACTOR (RP-18A)	x	x
12	MERIT FACTOR (RP-22A)	x	
13	MINOR VIOLATION FACTOR (RP-23A)	x	
14	INEXPERIENCED OPERATOR SURCHARGE FACTOR (RP-18A)	x	
15	MAJOR VIOLATION SURCHARGE FACTOR (RP-23A)	x	
16	FARM DISCOUNT FACTOR (RP-19A)	х	
17	55 AND RETIRED DISCOUNT FACTOR (RP-18A)	x	x
18	ACCIDENT PREVENTION COURSE DISCOUNT (RP-18A)	X	X
19	TIER FACTOR (RP-10A through 15A)	x	x
20	PREMIER PLUS DISCOUNT FACTOR (RP-16A)	X	х
21	PREMIER DISCOUNT FACTOR (RP-16A)	х	x
22	MULTIPLE POLICY DISCOUNT FACTOR (RP-17A)	X	x
23	ANTI-LOCK BRAKE DISCOUNT (RP-18A)	X	
24	THE GOOD HANDS PEOPLE® DISCOUNT FACTOR (RP-18A)	x	x
25	THE GOOD PAYER DISCOUNT FACTOR (RP-19A)	x	X
26 .	THE ALLSTATE EASY PAY PLAN DISCOUNT (RP-19A)	x	x
27	FUTURE EFFECTIVE DATE DISCOUNT (RP-19A)	x	X
28	ALLSTATE® YOUR CHOICE AUTO INSURANCE OPTION PACKAGE FACTOR (RP-19A)	x	X
29	NEW CAR EXPANDED PROTECTION FACTOR (RP-24A)	x	X
30	TOTAL COVERAGE PREMIUM		

^{*\$100} DEDUCTIBLE FOR COLLISION, \$50 FOR COMPREHENSIVE

ARKANSAS VOLUNTARY PRIVATE PASSENGER AUTO RATING FACTORS

		RATING			FACTOR		
RATING PLAN	RULE	GROUP	_AA	BB	<u>vc</u>	DD	НН
FARM DISCOUNT	37		0.90	0.90	N/A	0.90	N/A
GOOD PAYER DISCOUNT	60	*	0.95	0.93	0.95	0.93	0.95
ALLSTATE EASY PAY PLAN DISCOUNT	61						
Allstate		*	0.95	0.95	0.95	0.95	0.95
Gold Protection		*	0.95	0.95	0.95	0.95	0.95
Platinum Protection		*	0.95	0.95	0.95	0.95	0.95
FUTURE EFFECTIVE DATE DISCOUNT	62						
Number of Times Renewed							
0		*	0.90	0.90	0.90	0.90	0.90
I		*	0.90	0.90	0.90	0.90	0.90
2		*	0.95	0.95	0.95	0.95	0.95
3		*	1.00	1.00	1.00	1.00	1.00
4		*	1.00	1.00	1.00	1.00	1.00
5+		*	1.00	1.00	1.00	1.00	1.00
ALLSTATE® YOUR CHOICE AUTO							
INSURANCE OPTION PACKAGE FACTORS	52						
Allstate Value Plan		*	0.87	0.87	0.87	0.87	0.87
Allstate		*	1.00	1.00	1.00	1.00	1.00
Gold Protection		*	1.07	1.07	1.07	1.07	1.07
Platinum Protection		*	1.15	1.15	1,15	1.15	1.15

^{*} All Rating Groups

SERFF Tracking Number: ALSX-125897531 Arkansas State: EFT \$100 Filing Company: Allstate Property & Casualty Insurance State Tracking Number:

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Review Status:

12/02/2008

12/02/2008

12/02/2008

Product Name: Private Passenger Auto Project Name/Number: Rate Filing/R20571

Supporting Document Schedules

NAIC Loss Cost Filing Document Filed Bypassed -Name:

for OTHER than Workers' Comp

Not applicable **Bypass Reason:**

Comments:

Review Status: A-1 Private Passenger Auto Filed

Abstract

Comments:

Attachment:

Satisfied -Name:

PPA Abstract (Form A1).PDF

Review Status:

APCS-Auto Premium Comparison Filed Satisfied -Name:

Survey

Comments:

Attachments: APCS.PDF

APCS.XLS

Review Status: Satisfied -Name: Uniform Transmittal Document-Filed 12/02/2008

Property & Casualty

Comments:

Attachment:

AR - NAIC P&C TRANSMITTAL DOCUMENT.PDF

Review Status:

Filed NAIC loss cost data entry document Satisfied -Name: 12/02/2008

Comments: Attachment:

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Form RF-1.PDF

SERFF Tracking Number: ALSX-125897531 State: Arkansas EFT \$100

Filing Company: State Tracking Number: Allstate Property & Casualty Insurance

Company

Company Tracking Number: R20571

TOI: Sub-TOI: 19.0 Personal Auto 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto Project Name/Number: Rate Filing/R20571

Review Status:

RateRuleSchedule, ActIndMemo01, Filed Satisfied -Name: 12/02/2008

ActIndMemo02

Comments:

Attachments:

RateRuleSchedule.PDF ActIndMemo01.PDF ActIndMemo02.PDF

Review Status:

Nov 17 Objection Response Filed Satisfied -Name: 12/02/2008

Comments: Attachment:

Nov 17 Objection Response.PDF

PRIVATE PASSENGER AUTOMOBILE ABSTRACT

Instructions: All questions must be answered. If the answer is "none" or "Not applicable", so state. If all questions are not answered, the filing will not be accepted for review by the Department. Use a separate abstract for each company if filing for a group. Subsequent homeowners rate/rule submission that do not alter the information contained herein need not include this form.

3. Do 4. Do 5. Spe a. b. c. d. e. f. Compared to the property of the property	pyou furnish a market for young drivers yer age 65 drivers? Yes you require collateral business to support you insure driver with an international ecify the percentage you allow in credit Driver Over 55 Good Student Discount Multi-car Discount Accident Free Discount* *Please Specify Qualification for Anti-theft Discount Other (specify) Resident Student Discount Utility Discount Multiple Policy Discount Good Paver Discount Anti-lock Brake Discount Passive Restraint Discount	ort a youthful driver risk? or foreign driver's license? or discounts for the following r Discount _(see the following	No No g*:	10 % 10-20 % N/A % % N/A % 20-35 % 10 % 10-25 % 5 or 10 % 5 %
4. Do 5. Special a. b. c. d. d. e. f. 6. Do If so Does you con If so, list the prefer to Rule State the curron Rating Rating Rating	pyou insure driver with an international ecify the percentage you allow in credit Driver Over 55 Good Student Discount Multi-car Discount Accident Free Discount* *Please Specify Qualification fo Anti-theft Discount Other (specify) Resident Student Discount Economy Car Discount Utility Discount Multiple Policy Discount Good Paver Discount Anti-lock Brake Discount Passive Restraint Discount	or foreign driver's license? or discounts for the following r Discount _(see the following	No g*:	10 % 10-20 % N/A % % N/A % 20-35 % 10 % 10-25 % 5 or 10 % 5 %
5. Special a. b. c. d. d. e. f. f. f. Does you con If so, list the Refer to Rule State the currence Rating Rating Rating	Driver Over 55 Good Student Discount Multi-car Discount Accident Free Discount* *Please Specify Qualification fo Anti-theft Discount Other (specify) Resident Student Discount Economy Car Discount Utility Discount Multiple Policy Discount Good Paver Discount Anti-lock Brake Discount Passive Restraint Discount	or discounts for the following r Discount _(see the following	g*:	10-20 % N/A % % N/A % 20-35 % 10 % 10-25 % 5 or 10 % 5 %
a. b. c. d. e. f. Does you con If so, list the p Refer to Rule State the curry Rating Rating	Driver Over 55 Good Student Discount Multi-car Discount Accident Free Discount* *Please Specify Qualification fo Anti-theft Discount Other (specify) Resident Student Discount Economy Car Discount Utility Discount Multiple Policy Discount Good Paver Discount Anti-lock Brake Discount Passive Restraint Discount	r Discount _(see the following		10-20 % N/A % % N/A % 20-35 % 10 % 10-25 % 5 or 10 % 5 %
6. Do If so Does you con If so, list the p Refer to Rule State the curre Rating Rating	Good Student Discount Multi-car Discount Accident Free Discount* *Please Specify Qualification fo Anti-theft Discount Other (specify) Resident Student Discount Economy Car Discount Utility Discount Multiple Policy Discount Good Paver Discount Anti-lock Brake Discount Passive Restraint Discount		ng page)	10-20 % N/A % % N/A % 20-35 % 10 % 10-25 % 5 or 10 % 5 %
Does you con If so, list the p Refer to Rule State the curr Rating Rating	Accident Prevention Course Disc "The Good Hands People® Disc Allstate Easy Pay Plan Discount Future Effective Date Discount	ount"		10 % 10-30 % 5 or 10 % 10 % 5 % 0-10 %
Does you con If so, list the p Refer to Rule State the curr Rating Rating	you have an installment payment plan to, what is the fee for installment payme		Yes	
	mpany utilize a tiered rating plan? programs and percentage difference es and Rates Manual for Further Details rent volume for each program. Group 1 Group 2 Group 3 Group 4	Yes	oup 2. Rating Group 3. Racture. .956,943 201.273 7.101 3.679	ating Group 4. Plea
INFORMATION	PROVIDED IS CORRECT TO THE B	EST OF MY KNOWLEDGE	wanexand	ey_
		Ach R	Uarial Signature Uarial ASSIS	<u>tănt</u> 1

^{*}Please reference the Rules and Rates Manual for further details regarding qualifications for these discounts and more information regarding to which coverages these discounts apply.

5.(d) Accident-free Discount

Please reference Rule 58 in the Rules Manual for details on the Premier and Premier Plus Discount. Based on a combination of the occurrence date of the last chargeable accident and the occurrence date of the last non-chargeable accident, a customer may be slotted into Premier Discount Levels 1-3 or Premier Plus Discount Levels 1-3. The corresponding discount percentages can be found in the Rates Manual.

Private Passenger Auto Premium Comparision Survey Form

FORM APCS - last modified August 2005

NAIC Number: 17230

Company Name: Contact Person:

Telephone No.:

Email Address:

Effective Date:

Allstate Property & Casualty Insurance Company Chris Ewing

1-800-366-2958 Ext. 27309 chris.ewing@allstate.com

2/23/2009

DISCOUNTS OFFERED: PASSIVE RESTRAINT/AIRBAG AUTO/HOMEOWNERS GOOD STUDENT ANTI-THEFT DEVICE Over 55 Defensive Driver Discount \$250/\$500 Deductible Comp./Coll.



Assumptions to Use:

1 Liability -Minimum \$25,000 per person

2 Bodily Injury \$50,000 per accident \$25,000 per accident

- 3 Property Damage \$100 deductible per accident
- 4 Comprehensive & Collision \$250 deductible per accident
- 5 The insured has elected to accept: Uninsured motorist property and bodily injury equal to liability coverage
 Underinsured bodily injury equal to liability coverage
 6 Personal Injury Protection of \$5,000 for medical, loss
- wages according to statute and \$5,000 accidental
- 7 If male and female rates are different, use the highest of the two

Submit to:

Arkansas Insurance Department 1200 West Third Street Little Rock. AR 72201-1904

501-371-2800 Telephone:

Email as an attachment insurance.pnc@arkansas.gov You may also attach to a SERFF filing or

submit on a compact disk

			Fayet	teville			Trun	nann			Little	Rock			Lake '	Village			Pine	Bluff	
	Gender	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female
Vehicle	Coverages Age	18	18	40	66	18	18	40	66	18	18	40	66	18	18	40	66	18	18	40	66
4000 Oh a markat O'h a marka	Minimum Liability	\$425	\$509	\$181	\$197	\$485	\$580	\$203	\$222	\$524	\$631	\$216	\$236	\$433	\$518	\$184	\$200	\$722	\$868	\$293	\$324
1999 Chevrolet Silverado 1500 2WD "LS" regular cab 119" WB	Minimum Liability with Comprehensive and Collision	\$974	\$1,351	\$410	\$406	\$1,063	\$1,466	\$438	\$441	\$1,057	\$1,443	\$424	\$434	\$1,131	\$1,593	\$485	\$471	\$1,410	\$1,916	\$565	\$581
	100/300/50 Liability with Comprehensive and Collision	\$897	\$1,229	\$376	\$378	\$986	\$1,343	\$406	\$413	\$989	\$1,334	\$397	\$410	\$1,026	\$1,427	\$438	\$431	\$1,334	\$1,791	\$532	\$555
	Minimum Liability	\$400	\$474	\$175	\$191	\$458	\$544	\$197	\$217	\$492	\$587	\$208	\$228	\$406	\$480	\$177	\$193	\$693	\$825	\$288	\$320
2003 Ford Explorer 'XLT' 2WD, 4 door	Minimum Liability with Comprehensive and Collision	\$1,198	\$1,693	\$497	\$492	\$1,305	\$1,834	\$531	\$533	\$1,278	\$1,782	\$507	\$518	\$1,412	\$2,022	\$596	\$579	\$1,706	\$2,364	\$677	\$695
	100/300/50 Liability with Comprehensive and Collision	\$1,084	\$1,514	\$449	\$451	\$1,189	\$1,651	\$483	\$491	\$1,174	\$1,617	\$466	\$481	\$1,261	\$1,786	\$531	\$521	\$1,584	\$2,167	\$627	\$651
	Minimum Liability	\$360	\$426	\$159	\$173	\$409	\$485	\$178	\$195	\$440	\$525	\$188	\$205	\$368	\$435	\$162	\$176	\$604	\$718	\$254	\$281
2003 Honda Odyssey "EX"	Minimum Liability with Comprehensive and Collision	\$1,050	\$1,478	\$432	\$431	\$1,145	\$1,603	\$462	\$467	\$1,127	\$1,566	\$444	\$456	\$1,234	\$1,760	\$515	\$504	\$1,488	\$2,058	\$587	\$605
	100/300/50 Liability with Comprehensive and Collision	\$948	\$1,320	\$391	\$394	\$1,039	\$1,439	\$420	\$429	\$1,030	\$1,416	\$408	\$422	\$1,101	\$1,553	\$459	\$454	\$1,373	\$1,877	\$542	\$564
	Minimum Liability	\$442	\$525	\$191	\$207	\$502	\$597	\$214	\$234	\$542	\$648	\$226	\$247	\$453	\$537	\$195	\$212	\$741	\$881	\$307	\$339
2005 Toyota Camry LE 3.0L 4 door Sedan	Minimum Liability with Comprehensive and Collision	\$1,446	\$2,050	\$578	\$580	\$1,578	\$2,228	\$620	\$630	\$1,553	\$2,177	\$597	\$614	\$1,706	\$2,447	\$692	\$682	\$2,041	\$2,847	\$787	\$813
	100/300/50 Liability with Comprehensive and Collision	\$1,295	\$1,818	\$518	\$525	\$1,420	\$1,984	\$559	\$572	\$1,406	\$1,951	\$542	\$562	\$1,511	\$2,147	\$612	\$609	\$1,864	\$2,572	\$719	\$750
	Minimum Liability	\$350	\$415	\$154	\$168	\$399	\$474	\$173	\$189	\$429	\$514	\$183	\$199	\$355	\$422	\$156	\$170	\$597	\$712	\$249	\$275
2003 Cadillac Seville "STS" 4 door Sedan	Minimum Liability with Comprehensive and Collision	\$1,839	\$2,690	\$763	\$735	\$1,977	\$2,878	\$802	\$783	\$1,892	\$2,734	\$746	\$742	\$2,236	\$3,305	\$950	\$896	\$2,481	\$3,574	\$980	\$977
	100/300/50 Liability with Comprehensive and Collision	\$1,610	\$2,336	\$666	\$648	\$1,740	\$2,511	\$704	\$694	\$1,677	\$2,401	\$660	\$663	\$1,940	\$2,845	\$819	\$781	\$2,213	\$3,157	\$871	\$877
	Minimum Liability	\$435	\$517	\$187	\$204	\$496	\$591	\$211	\$231	\$535	\$640	\$223	\$244	\$443	\$527	\$191	\$208	\$741	\$884	\$305	\$338
1998 Chevrolet Cavalier LS 4D Sedan	Minimum Liability with Comprehensive and Collision	\$977	\$1,345	\$401	\$407	\$1,075	\$1,471	\$434	\$445	\$1,075	\$1,459	\$424	\$440	\$1,125	\$1,570	\$468	\$465	\$1,436	\$1,938	\$567	\$593
	100/300/50 Liability with Comprehensive and Collision	\$903	\$1,227	\$371	\$380	\$998	\$1,350	\$403	\$418	\$1,006	\$1,350	\$398	\$417	\$1,024	\$1,412	\$425	\$428	\$1,360	\$1,814	\$536	\$567

Company

Company Tracking Number: R20571

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: Private Passenger Auto
Project Name/Number: Rate Filing/R20571

Attachment "APCS.XLS" is not a PDF document and cannot be reproduced here.

Property & Casualty Transmittal Document

1.	Reserved for Insurance D Use Only		ne filing i	s received:	e only					
		c. Dispos								
		d. Date o								
		e. Effective								
				Business						
				l Business						
		f. State F		2401000						
		g. SERFF		<u>!</u>						
		h. Subjec								
				•						
3.	Group Name						Group NAIC #			
	Allstate				1	1	008			
4.	Company Name(s)			Domicile	NAIC #	FEIN#	State #			
	Allstate Property & Casualty I	nsurance Company	У	IL	17230	36-33417	779			
5.	Company Tracking Number	R205	71							
Conta	ct Info of Filer(s) or Corporat	e Officer(s) [include Title								
6.	Name and address	Tele	phone #s	FAX	#	e-mail				
	Chris Ewing		800-	366-2958	847-402	-9757				
	2775 Sanders Road, Suite		Ext	. 27309						
	A5									
	Northbrook IL 60062									
			(-	his 7 in	M					
7.	Signature of authorized file				0					
8.	Please print name of author	rized filer	Chris E	Ewing						
Filing	Information (see General Inst	ructions for descrip	tions of t	these fields)						
9.	Type of Insurance (TOI)		19.0 Personal Auto							
10.	Sub-Type of Insurance (Sub		19.0001 Private Passenger Auto (PPA)							
11.	State Specific Product code applicable) [See State Specific									
12.	Company Program Title (Ma		Private	Passenger	Auto					
13.	Filing Type	incoming ride)		e/Loss Cost		ules	□ Rates/Rules			
	is. Filling Type			ms	_		n Rates/Rules/Forms			
				hdrawal			description)			
							. ,			
14.	Effective Date(s) Requested	<u> </u>	New:	02/23/2009	9	Renew	/al: 03/30/2009			
15.	Reference Filing?		☐ Yes	S No						
16.	Reference Organization (if a		N/A							
17.	Reference Organization # &	Title	N/A							
18.	Company's Date of Filing		11-11-		D "					
19.	Status of filing in domicile									

PC TD-1 pg 1 of 2 © 2007 National Association of Insurance Commissioners

Property & Casualty Transmittal Document

20. This filing transmittal is part of Company Tracking # R20571

21. Filing Description [This area can be used in lieu of a cover letter or filing memorandum and is free-form text]

With this filing, Allstate Property & Casualty Insurance Company (AP&C) is proposing a 4.4% rate level increase for private passenger automobile in the state of Arkansas. The increase will be achieved by rate level increases for Bodily Injury, Property Damage, and Medical coverages. With this change, Allstate is revising Rate Adjustment Factors, the Future Effective Date (FED) Discount structure and factors, and the Insurance Group placement for No-Hits and Thin-Files.

The 4.4% rate level change will result in approximately \$1.2 million of additional premium.

The target effective date for new business written and renewals processed is February 23, 2009, and renewal business effective March 30, 2009.

Attachment A: Summary of Selected Rate Level Changes

Attachment B: Actuarial Standards of Practice

Material Changes in Sources of Data, Assumptions, or Methods

Formula Calculations for Rate Level Indications

Attachment C: Revision to Future Effective Date Discount

Attachment D: Revision to Insurance Score for No-Hits and Thin-Files

Attachment E: Rate Level Impact of Revisions Attachment F: Summary of Manual Changes

22. Filing Fees (Filer must provide check # and fee amount if applicable.)

[If a state requires you to show how you calculated your filing fees, place that calculation below]

Check #: Fee paid via EFT

Amount: \$100.00

There is no retaliatory fee for this type of filing

Refer to each state's checklist for additional state specific requirements or instructions on calculating fees.

PC TD-1 pg 2 of 2 INS02026

^{****}Refer to each state's checklist for additional state specific requirements (i.e. # of additional copies required, other state specific forms, etc.)

FORM RF-1 Rate Filing Abstract NAIC LOSS COST DATA ENTRY DOCUMENT

1.	This filing transmittal is part of Company Tracking #	R20571
2.	If filing is an adoption of an advisory organization loss cost filing, give name of Advisory Organization and Reference/ Item Filing Number	

		Company Name	Company NAIC Number				
3.	A.	Allstate Property & Casualty Insurance Company	B.	008-17230			

		Product Coding Matrix Line of Business (i.e., Type of Insurance)	Product Coding Matrix Line of Insurance (i.e., Sub-type of Insurance)				
4.	A.	19.0 Personal Auto	B.	19.0001 Private Passenger Auto (PPA)			

5.

(A)			FOR LOSS COSTS ONLY							
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)			
COVERAGE	Indicated	Requested		Loss Cost	Selected	Expense	Co. Current			
(See Instructions)	% Rate	% Rate	Expected	Modification	Loss Cost	Constant	Loss Cost			
(See mstructions)	Level Change	Level Change	Loss Ratio	Factor	Multiplier	(If Applicable)	Multiplier			
Bodily Injury	24.2	9.0	N/A	N/A	N/A	N/A	N/A			
Property Damange	24.3	9.0	N/A	N/A	N/A	N/A	N/A			
Medical	82.3	26.0	N/A	N/A	N/A	N/A	N/A			
Uninsured/Underinsu red Motorists	3.2	0.0	N/A	N/A	N/A	N/A	N/A			
Collision	-1.3	0.0	N/A	N/A	N/A	N/A	N/A			
Comprehensive	-36.6	0.0	N/A	N/A	N/A	N/A	N/A			
TOTAL OVERALL EFFECT	5.2	4.4								

6. 5 Year History Rate Change History 7.

Year	Policy Count % of Effective Change Date		Effective Date	State Earned Premium (000)	Incurred Losses (000)	State Loss Ratio	Countrywide Loss Ratio
2006	11,719 (earned exposures)	N/A	N/A	9,467,907	5,825,563 (includes ALAE)	0.62	0.57
2007	25,138 (earned exposures)	N/A	N/A	20,118,863	12,302,595 (includes ALAE)	0.61	0.61
2008 (through 9/30/08)	30,385 (earned exposures)	6.0%	9/15/08	21,240,534	13,418,173 (includes ALAE)	0.63	0.62

Expense Constants	Selected Provisions
A. Total Production Expense	4.6%
B. General	Liab - 4.9%
Expense	Phys Dmg - 5.1%
C. Taxes, License & Fees	Liab -3.0%; Phys Dmg – 3.1%
D. Underwriting Profit	Liab- 9.9%
& Contingencies	Phys Dmg-11.4%
E. Other (explain)	Debt Provision: 1.24%
	ULAE:
	Liab-18.2% Phys Dmg-
	15.0% (ULAE is a

											percentage of losses)
										F. TOTAL	
8.	. N Apply Lost Cost Factors to Future filings? (Y or N)										
9.	20.1%	Estimated Maxim	num Rate Ir	crease for a	ny Insured (%). T	erritory (if applicable): 45				

43

-4.2% Estimated Maximum Rate Decrease for any Insured (%). Territory (if applicable):

10.

PC RLC INS01783

PROPERTY & CASUALTY RATE/RULE FILING SCHEDULE

(This form must be provided ONLY when making a filing that includes rate-related items such as Rate; Rule; Rate & Rule; Reference; Loss Cost; Loss Cost & Rule or Rate, etc.)

(Do not refer to the body of the filing for the component/exhibit listing, unless allowed by state.)

This filing transmittal is part of Company Tracking # R20571 This filing corresponds to form filing number 2. N/A (Company tracking number of form filing, if applicable) Rate Increase Rate Decrease Rate Neutral (0%) Filing Method (Prior Approval, File & Use, Flex Band, etc.) Use and File Rate Change by Company (As Proposed) 4a. Overall % Indicated Written **Minimum** Maximum # of policyholders Change Premium %Change %Change **Overall % Rate** Change for this Written premium for (when affected (where (where Company Applicable) **Impact** for this program this program required) required) program Name Allstate Property & Casualty \$1.2 million \$27,739,496 20.1% 5.2% 4.4% 24,062 -4.2% Insurance Company 4b. Rate Change by Company (As Accepted) For State Use Only Overall % Overall Written # of Written **Company Name** Maximum Minimum policyholders Indicated % Rate Premium premium for %Change %Chang Change **Impact** Change affected this program e (where (where for this for this (when required) required) Applicable) program program 5. Overall Rate Information (Complete for Multiple Company Filings only) **COMPANY USE** STATE USE Overall percentage rate indication(when applicable) Overall percentage rate impact for this filing 5b. Effect of Rate Filing – Written premium change for this 5c. Effect of Rate Filing - Number of policyholders affected 5d. Overall percentage of last rate revision 6.0% **Effective Date of last rate revision** 9/15/08 7. Filing Method of Last filing 8. (Prior Approval, File & Use, Flex Band, etc.) File and Use Rule # or Page # Submitted Replacement Previous state filing number, 9. for Review or withdrawn? if required by state New 01 Page 23-1 □ Replacement Withdrawn ☐ New 02 Page 62-1 \boxtimes Replacement Withdrawn New 03 RP-2A \bowtie Replacement Withdrawn New RP-3A Replacement 04 Withdrawn New RP-19A 05 Replacement Withdrawn

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

ATTACHMENT A SUMMARY OF SELECTED RATE LEVEL CHANGE

The table below contains the rate level indication and selected changes by coverage for private passenger auto business in Allstate Property and Casualty Company (AP&C) in the state of Arkansas. Further details of the rate level indications shown below can be found in **Attachment B.**

Coverage	Rate Level Indication	Selected Rate Level Change
Bodily Injury	+24.2%	+9.0%
Property Damage	+24.3%	+9.0%
Medical	+82.3%	+26.0%
Uninsured/Underinsured Motorists	+3.2%	N/C
Collision	-1.3%	+0.0%
Comprehensive	-36.6%	+0.0%
Total	+5.2%	+4.4%

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY VOLUNTARY PRIVATE PASSENGER AUTOMOBILE ARKANSAS

ACTUARIAL STANDARDS OF PRACTICE

This document confirms compliance with the following Actuarial Standards of Practices that are applicable to the preparation of statewide rate filings performed by casualty actuaries as stated in "Applicability Guidelines for Actuarial Standards of Practice" (American Academy of Actuaries, September 2004). In addition, references to relevant sections of this filing are included, where applicable.

- Actuarial Standard of Practice No. 9, Documentation and Disclosure in Property and Casualty Insurance Ratemaking, Loss Reserving, and Valuations
 - Att B, Page 2: Material Changes in Sources of Data, Assumptions, or Methods
 - Att B, Pages 3-10: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 12, Risk Classification (for all Practice Areas)
 - This ASOP is not applicable to this rate filing as risk classification systems were not designed, reviewed, or changed.
- Actuarial Standard of Practice No. 13, Trending Procedures in Property/Casualty Insurance Ratemaking
 - Att B, Pages 3-8, 10: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 23, Data Quality
 - Att B, Page 3: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 25, Credibility Procedures Applicable to Accident and Health, Group Term Life, and Property/Casualty Coverages
 - Att B, Pages 4, 6: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 29, Expense Provisions in Property/Casualty Insurance Ratemaking
 - Att B, Pages 7 and 8: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 30, Treatment of Profit and Contingency Provisions and the Cost of Capital in Property/Casualty Insurance Ratemaking
 - Att B, Page 9: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 38, *Using Models Outside the Actuary's Area of Expertise (Property and Casualty)*
 - This ASOP is not applicable to this rate filing, as no models outside of the Actuary's Area of Expertise were applied
- Actuarial Standard of Practice No. 39, Treatment of Catastrophe Losses in Property/Casualty Insurance Ratemaking
 - Att B, Page 7: Formula Calculation for Rate Level Indications Explanatory Memorandum
- Actuarial Standard of Practice No. 41, Actuarial Communications
 - Applies to this filing in its entirety

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY VOLUNTARY PRIVATE PASSENGER AUTOMOBILE ARKANSAS

MATERIAL CHANGES IN SOURCES OF DATA, ASSUMPTIONS, OR METHODS

This document lists all material changes in sources of data, assumptions, or methods from the last Allstate rate level indication filing. These changes are further described in the subsequent memos in compliance with Actuarial Standard of Practice No. 9, *Documentation and Disclosure in Property and Casualty Insurance Ratemaking, Loss Reserving, and Valuations.*

- Profit Provision
 - Update to methodology as described in Attachment B, Page 9

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY VOLUNTARY PRIVATE PASSENGER AUTOMOBILE FORMULA CALCULATIONS FOR RATE LEVEL INDICATIONS ARKANSAS

The data used in the calculation of the rate level indication was selected in accordance with the considerations listed in Section 3.2 of Actuarial Standard or Practice No. 23, *Data Quality*. The calculation of the rate level indication is consistent with the Statement of Principles Regarding Property and Casualty Insurance Ratemaking contained in Appendix 1 of Actuarial Standard of Practice No. 9, *Documentation and Disclosure in Property and Casualty Insurance Ratemaking, Loss Reserving, and Valuations*.

Exhibits 1.0 through 3.5 of this attachment show the Determination of Statewide Rate Level Indications, the Development of Provision for Loss and LAE, and the Projected Average Earned Premium formula calculations used in the rate level indications for Arkansas. A rate level indication is a test of the adequacy of expected revenues versus expected costs during the future policy period. Therefore, to derive the indicated rate level need accurately, Allstate's historical premium and loss experience needs to be adjusted. In accordance with Section 5.3 of Actuarial Standard of Practice No. 13, Trending Procedures in Property/Casualty Insurance Ratemaking, Allstate trends the underlying historical experience for premiums, losses, and fixed expenses to appropriately reflect historical and projected changes in these components of the rate level indications. In addition, historical premiums must be adjusted to reflect the current rate level; and historical losses must be adjusted to reflect expected development over time and to smooth the actual losses due to catastrophes. Details of these necessary adjustments to the historical data used in the rate level indication are described in this memorandum. The adjustments have been applied to Arkansas's premium and loss experience in deriving the indicated rate level changes by coverage.

The table below summarizes the results of the formula calculation of indicated rate level. Also displayed are the actual rate level changes being proposed.

	Indicated Rate Level	Proposed
Coverage	Change	<u>Change</u>
Bodily Injury	<u>+ 24.2%</u>	+ 9.0%
Property Damage	<u>+ 24.3%</u>	<u>+ 9.0%</u>
Medical	<u>+ 82.3%</u>	<u>+ 26.0%</u>
Uninsured/Underinsured Motorists	<u>+ 3.2%</u>	<u> N/C</u>
Collision	<u>- 1.3%</u>	<u>+ 0.0%</u>
Comprehensive	<u>- 36.6%</u>	+ 0.0%
Total	<u>+ 5.2%</u>	<u>+ 4.4%</u>

BASE DATA

In developing formula indications for Arkansas, data from fiscal accident years ending March 31, 2007 and March 31, 2006 for all coverages was used. Each of these fiscal accident years is evaluated as of June 30, 2008. Consistent with past Allstate Property and Casualty Insurance Company filings, total limits data was used for all coverages.

Accident Year Weights

Since Allstate Property and Casualty Insurance Company was introduced in Arkansas in September of 2005, there are two full accident years of data available at the time of this indication. To arrive at a provision for loss and loss adjustment expense by coverage, both accident years were used for each coverage. The following weights were applied for the following coverages for the two most recent years:

Coverage	1 st Prior Year	2 nd Prior Year
Bodily Injury	67%	33%
Property Damage	65%	35%
Medical	60%	40%
Uninsured/Underinsured Motorists	67%	33%
Collision	63%	37%
Comprehensive	64%	36%

To arrive at projected average earned premium, the latest accident year was used for all coverages.

ADJUSTMENTS TO LOSSES

Loss Development

Allstate's standard loss development procedure is to select ultimate accident year losses after analyzing estimates developed using the Link Ratio and Additive methods. Accident year incurred losses are developed for the liability coverages. Accident year paid losses are developed for the Physical Damage coverages.

To calculate estimated ultimate losses using the Link Ratio methods, historical age-to-age link ratios are calculated, which represent loss development between different evaluation periods. An average of the historical link ratios is then used to estimate the ultimate level of paid losses to be used in ratemaking. This method assumes that historical loss development patterns can be used to estimate future loss development on current immature claims.

Due to the limited amount of data in Allstate Property and Casualty Insurance Company, the loss development factors and addends for Allstate Insurance Group (which includes both Allstate Property and Casualty Company and Allstate Insurance Company) were used for all coverages. It is expected that loss development patterns for Allstate Property and Casualty Insurance Company will be similar to Allstate Insurance Group since the claims settlement practices are the same for both Allstate Property and Casualty Company and Allstate Insurance Company.

For the Additive loss development method, historical losses are first trended to today's price level using pure premium trends selected from Allstate Insurance Group data. This is done to avoid distortions due to changes in the underlying loss costs. Please note that the selected pure premium trend that is used in loss development often differs from the selected trend that applies to the underlying data. This is due the different lengths of trend periods in each analysis. Trended additive amounts per exposures are calculated, which represent trended loss development between different evaluation periods. An average of the historical trended additive amount per exposure is then used to estimate the ultimate trended level of paid losses. Trended age-to-ultimate additive amounts per exposure are multiplied by earned exposures for each accident year to calculate trended losses that have yet to emerge. A final step in the Additive Method is to detrend the trended losses yet to emerge. Losses are detrended because the application of trend is accounted for in a separate step in the ratemaking process. This method assumes that historical loss development patterns per exposure can be used to estimate future loss development on current immature claims.

Refer to **Exhibit 4.0** of this attachment for a summary of the estimated ultimate losses resulting from the link ratio method and from the additive method as well as the selected ultimate losses. Support for the ultimate losses resulting from the link ratio method can be found in **Exhibits 4.1 through 4.6**. A summary of the trends selected to adjust historical losses for the additive method is shown in **Exhibit 4.7**. Supporting trend data is included in **Appendix A** of this attachment. Support for the ultimate losses resulting from the Additive method can be found in **Exhibits 4.8 through 4.13**. Please note that the actual three year average loss development factors and additive amounts per exposure were used for Collision, and Comprehensive coverages. For Bodily Injury, Property Damange, Medical, and Uninsured/Underinsured Motorists coverages, a five year average excluding high and low values was used due to the additional volatility of these longer tail coverages.

Loss Adjustment Expenses

Losses in the experience period for each coverage have been adjusted to account for unallocated loss adjustment expenses (ULAE). A separate provision is developed for liability coverages and for physical damage coverages using countrywide Allstate Insurance Group private passenger automobile data. A three-year average of the ratios of countrywide calendar year ULAE to countrywide calendar year incurred losses is used to determine the ULAE provision.

The average ratio, calculated separately for all liability coverages and for all physical damage coverages, is then applied to the losses for each associated coverage for each year used in the formula calculation. The expense ratios that have been used in this filing are shown in **Exhibits 5.0 and 5.1**.

Allocated loss adjustment expenses are included in both incurred losses and paid losses.

Loss Trend

In order to more appropriately account for changes in exposure levels, Allstate is adjusting the calculations underlying frequencies and severities. Allstate employs a methodology of calculating frequency and severity amounts that more consistently matches the losses and claims paid with the exposures that produced the claims. This methodology is described in "The Effect of Changing Exposure Levels on Calendar Year Loss Trends" (*Casualty Actuarial Society Forum*, Winter 2005) by Chris Styrsky.

Allstate selects separate premium and loss trends for AP&C, as has traditionally been done in Allstate filings. AP&C loss trends will be selected after consideration of Allstate Insurance Group (combined AP&C and AIC) data. Generally, the amount of consideration given to AP&C-specific data will depend on the amount of time the company has been open, and the speed at which claims for a particular coverage are paid. AP&C data for quick-paying coverages will be given greater consideration, and AP&C data for slower-paying coverages given less, or even no consideration. By varying the amount of consideration given to AP&C data by coverage, Allstate is appropriately considering the effect of this known bias in the data as required by Section 5.4 of Actuarial Standard of Practice No. 13, Trending Procedures in Property/Casualty Insurance Ratemaking.

At this time, relying solely on AP&C data for all coverages remains inappropriate because of distortion that occurs in paid loss trend data of newly opened companies. The distortion arises from the fact that, initially, each successive data point will contain paid claims arising from a successively longer period of time. For example, in Year 1 of a company's existence, only claims occurring in Year 1 will be paid. However, paid claims in Year 2 may include claims that occurred in both Year 2 and Year 1. Similarly, in Year 3, claims occurring in Years 3, 2, and 1 could be paid. As a result, new company paid loss data tends to overstate the actual trend, and continues to do so until each data point includes claims arising from an accident period of equal length. The length of time over which the distortion occurs therefore corresponds approximately to the amount of time it takes for all claims arising from a particular accident year to settle.

Using adjusted Allstate Insurance Group data for the state of Arkansas, past changes in actual frequency and severity on a twelve-month-moving basis (evaluated at each quarter) were examined. After considering past results, claim practice changes, countrywide Allstate data, credibility level of Allstate data, industry data, and actuarial judgment, annual pure premium trends were selected for each coverage. The credibility level of Allstate loss trend data was analyzed by coverage based on the number of claims paid in the latest experience year, which is consistent with the criteria for selecting a credibility procedure outlined in section 3 of Actuarial Standards of Practice No. 25, Credibility Procedures Applicable to Accident and Health. Group Term Life, and Property/Casualty Coverages. Please note that we have selected trend and projection factors separately for each coverage. These selected trends are displayed in Exhibit 6.0. These annual selections are used to project the data from the average occurrence date of the experience period to the average occurrence date of the future policy period. These projected factors are shown in Exhibits 2.0 through 2.5. Allstate Insurance Group trend data is included as Appendix B to this attachment.

Paid frequency and paid severity data was primarily relied upon when selecting trends. Also, in order to reflect additional stability in Allstate's trend data for Comprehensive coverage, Comprehensive data excluding catastrophes was used for selecting the trend.

This approach for selecting pure premium trends is consistent with the Current Practices and

Alternatives detailed in Section 4 of Actuarial Standards of Practice No. 13, *Trending Procedures in Property/Casualty Insurance Ratemaking*.

Catastrophes

An adjustment has been made to Comprehensive coverage losses to more appropriately account for catastrophes in the base data. All actual catastrophe losses during the experience period were removed and then replaced with a provision to reflect expected catastrophe losses in Arkansas. A catastrophe loss provision based upon 25 years of Allstate Insurance Group data was used. The provision was calculated by dividing total catastrophe losses by total Comprehensive coverage incurred losses excluding catastrophes over the 25-year period. The resulting catastrophe provision is 17.5%. The catastrophe provision is developed in **Exhibit 7.0** and is applied to the Comprehensive coverage losses in **Exhibit 2.5**. This adjustment to account for catastrophes is consistent with the Analysis of Issues and Recommended Practices detailed in Section 3.4 of Actuarial Standards of Practice No. 39, Treatment of Catastrophe Losses in Property/Casualty Insurance Ratemaking.

EXPENSES, PROFIT PROVISION

The expense provisions described below were derived in accordance to Section 3.2, Determining Expense Provisions, of Actuarial Standard of Practice No 29, *Expense Provisions in Property/Casualty Insurance Ratemaking*.

Exhibit 8.0 shows the expense provisions used in developing the current fixed and variable expense ratios, as well as the underwriting profit and debt provisions.

Fixed Expenses

General and Other Acquisition Expense

Provisions

The provisions for general expense and other acquisition expense are based on countrywide data. Since the methods and procedures that incur these expenses are uniform within each state, it is a reasonable assumption that these expense provisions are uniform across all states. To develop the provision for other acquisition and general expenses, a three-year average of countrywide calendar year incurred expense divided by countrywide calendar year direct earned premium was calculated. These figures are taken from the Insurance Expense Exhibit. The provision for Other Acquisition Expense has been reduced by the amount of installment fees collected. In addition, the provision has been adjusted for premiums written off. The General Expense has been reduced to account for anticipated salary savings resulting from a workforce-reduction initiative that Allstate completed in early 2006.

Rate Need Calculations

In developing the dollar provision for general and other acquisition expenses used in the calculation of our Arkansas rate level need by coverage, the three-year countrywide average expense ratio for general and other acquisition expenses is applied to the average earned premium of Arkansas. The Arkansas average earned premium is developed using the same three-year period used in the calculation of the countrywide expense ratio. The provision is then adjusted for inflation expected to occur from the midpoint of the three years used in the calculation of the average earned premium to the average earned date of the proposed policy period to derive the provision included in the rate level indications.

The expense provisions for other acquisition and general expenses are shown in Exhibits 9.0 and 9.1, respectively.

Trend (Inflation)

The method used to calculate the fixed expense trend is similar to the method used by the Insurance Services Office (I.S.O.) and other competitors to determine a fixed expense trend. The method utilizes the CPI (Consumer Price Index) and the ECI (Employment Cost Index – Insurance Carriers, Agents, Brokers, & Service) and is discussed by Geoffrey Todd Werner, FCAS, MAAA in his paper Incorporation of Fixed Expenses, which was published in the CAS Forum (Winter 2004). Based on a review of the historical indices, an annual percentage change is selected for each index. These selected annual percent changes are then weighted together using the distribution of the Allstate expenditures in the latest calendar year for the two broad expense categories that these indices represent. This method is expected to produce stable and reasonable estimates of the true trend in fixed expenses and is consistent with the Current Practices and Alternatives detailed in Section 4 of Actuarial Standards of Practice No. 13, Trending Procedures in Property/Casualty Insurance Ratemaking. This trend is applied only to general and other acquisition expenses. Support for the selected annual fixed expense trend is shown on Exhibit 9.2. Exhibit 9.3 shows the derivation of the Factor to Adjust for Subsequent Change in Fixed Expense.

Variable Expenses

Commission and Brokerage Expense

The proposed commission and brokerage expense provision has been developed from the actual calendar year 2007 commission and brokerage incurred expense ratio in Arkansas.

Taxes, Licenses & Fees

Under normal circumstances, the provision for taxes is determined by taking the currently prescribed Arkansas premium tax ratio and adding to that the arithmetic average ratio of other assessments that vary by the size of the premium from the latest three calendar years in Arkansas AP&C. However, since the AP&C book has not been open for three years, currently, only two calendar years are used. When three are available, the standard method will be used.

A provision for licenses and fees that do not vary by premium size is determined by taking the arithmetic average ratio of these licenses and fees from the latest three calendar years in Arkansas (all companies). The provision for licenses and fees is considered, along with the general and other acquisition expense provisions, to be a fixed expense.

Underwriting Profit Provision

Prior to September, 2008, Allstate relied solely on the Fama-French Three-factor (FF3F) Model to estimate its cost of equity. The methodology underlying this calculation of the cost of equity reflects developments in the field of financial economics as published in the *Casualty Actuarial Society Forum*, *Winter, 2004 and in Journal of Risk and Insurance, Vol. 72, No. 3, September 2005* ("Estimating the Cost of Equity Capital For Property-Liability Insurers" by J. David Cummins and Richard D. Phillips).

In September, 2008, Allstate incorporated the use of a second methodology – a Discounted Cash Flow (DCF) analysis – into the estimation of its cost of equity. A DCF analysis estimates the expected future cash flows to investors in order to gauge the proper cost of equity. Once both the DCF and FF3F estimates had been calculated, Allstate selected a cost of equity of 10.00%, which reflected the outcomes of both analyses.

In addition, previously both the cost of equity and the cost of debt were used to develop the underwriting profit provision. With this filing, we will be developing the underwriting profit provision using only the cost of equity. Since the cost of debt represents expected, quantifiable future payments to be made to bondholders, confusion can result from including it in the derivation of the underwriting profit provision. Therefore, the cost of debt has been removed from the development of the underwriting profit provision and incorporated as a separate provision. Note that the resulting rate level is unaffected by this change; it is simply a matter of clarity of presentation.

An analysis of premium, loss and expense cash flows is used to calculate the investment income on policyholder supplied funds (PHSF). This methodology is one of the two examples given in Actuarial Standards of Practice, No. 30 as appropriate methods for recognizing investment income from insurance operations (page 4).

The calculations detailing this investment income analysis are found in Exhibits **Exhibits 10.0 and 10.1** for liability and physical damage coverages, respectively. The rate (applied as a force of interest) used to discount losses and expenses includes anticipated net investment income and anticipated capital gains, both realized and unrealized. Operating cash flows are discounted to the average time of earnings of premium and profit for the policy year, rather than to the start of the policy year.

Please refer to the attached documented titled "The Development of the Underwriting Profit Provision" for more information. This can be found in **Appendix D** of this Attachment.

Debt Provision

The cost of debt is listed as a separate provision in the Variable Expense and Profit Ratio as described below. The debt provision amount is shown on **Exhibit 8.0**.

ADJUSTMENTS TO PREMIUMS

All premiums in the experience period were adjusted to current rate level in Arkansas. Allstate uses a refined methodology that assumes that exposures are written uniformly by month, using a procedure described in a discussion by Frank Karlinski of the paper entitled "A Refined Model for Premium Adjustment", by David Miller and George Davis. (Mr. Karlinski's discussion appeared in the Proceedings of the Casualty Actuarial Society (PCAS), Vol. LXIV, 1977, and the paper by Miller and Davis appeared in the PCAS, Vol LXIII, 1976). This method (which we call "Miller-Davis-Karlinski"), more accurately calculates factors to current rate level in instances when exposures are changing throughout the year, whether through growth, shrinkage or seasonality. (When exposures are, in fact, written uniformly throughout the year, this method produces approximately the same answers as the parallelogram method.)

We also use the Miller-Davis-Karlinski method to bring premiums to current rate level prior to calculating the changes in average premium (the premium trends).

In addition to bringing premiums to current rate level, changes in the average written premium at the current premium level were reviewed. Based upon this review, historical premium trends were selected to account for shifts in the distribution of various rating characteristics such as driver classification, increased limits, model year and price group symbols (PGS). Since the effects on losses caused by these shifts are reflected in the loss trends, it is important that Allstate also account for the anticipated future changes in premiums. Therefore, projected premium trend was taken into consideration when calculating the rate level need by coverage.

The selected projection factors are displayed in **Exhibit 11.0**. These annual selections are used to project the data from the average occurrence date of the experience period to the average occurrence date of the future policy period. The projection factors are also shown in **Exhibits 3.0 through 3.5**. AP&C premium trend data is included as **Appendix C** of this attachment. Please note that only 6-point trends have been shown on the trend exhibits. Because only the latest year of average earned premium (accident year ending March 31, 2008) was used in this indication, only a projection factor was applied. Only the 6-point trends, along with actuarial judgment, were considered.

This approach for selecting premium trends is consistent with the Current Practices and Alternatives detailed in Section 4 of Actuarial Standards of Practice No. 13, *Trending Procedures in Property/Casualty Insurance Ratemaking*.

Determination of Statewide Rate Level Indication Bodily Injury

1) Indicated Provision for Loss and Loss Adjustment Expense	\$131.70
2) Current Fixed Expense Ratio	9.5 %
3) Three Year Average Earned Premium	\$146.09
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$13.88
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$15.34
7) Variable Expense and Profit Ratio	26.3 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$199.51
9) Projected Average Earned Premium at Current Rates	\$160.58
10) Indicated Rate Level Change [(8) / (9) - 1.0]	24.2 %

Determination of Statewide Rate Level Indication Property Damage

1) Indicated Provision for Loss and Loss Adjustment Expense	\$118.60
2) Current Fixed Expense Ratio	9.5 %
3) Three Year Average Earned Premium	\$132.32
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$12.57
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$13.89
7) Variable Expense and Profit Ratio	26.3 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$179.77
9) Projected Average Earned Premium at Current Rates	\$144.65
10) Indicated Rate Level Change [(8) / (9) - 1.0]	24.3 %

Determination of Statewide Rate Level Indication Medical

1) Indicated Provision for Loss and Loss Adjustment Expense	\$42.56
2) Current Fixed Expense Ratio	9.5 %
3) Three Year Average Earned Premium	\$28.59
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$2.72
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$3.01
7) Variable Expense and Profit Ratio	26.3 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$61.83
9) Projected Average Earned Premium at Current Rates	\$33.92
10) Indicated Rate Level Change [(8) / (9) - 1.0]	82.3 %

Determination of Statewide Rate Level Indication Uninsured / Underinsured Motorist

1) Indicated Provision for Loss and Loss Adjustment Expense	\$42.74
2) Current Fixed Expense Ratio	9.5 %
3) Three Year Average Earned Premium	\$59.10
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$5.61
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$6.20
7) Variable Expense and Profit Ratio	26.3 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$66.40
9) Projected Average Earned Premium at Current Rates	\$64.34
10) Indicated Rate Level Change [(8) / (9) - 1.0]	3.2 %

Determination of Statewide Rate Level Indication Collision

1) Indicated Provision for Loss and Loss Adjustment Expense	\$242.68
2) Current Fixed Expense Ratio	9.8 %
3) Three Year Average Earned Premium	\$342.77
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$33.59
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$37.12
7) Variable Expense and Profit Ratio	27.8 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$387.53
9) Projected Average Earned Premium at Current Rates	\$392.46
10) Indicated Rate Level Change [(8) / (9) - 1.0]	-1.3 %

Determination of Statewide Rate Level Indication Comprehensive

1) Indicated Provision for Loss and Loss Adjustment Expense	\$80.96
2) Current Fixed Expense Ratio	9.8 %
3) Three Year Average Earned Premium	\$206.82
4) Current Dollar Provision for Fixed Expense [(2) x (3)]	\$20.27
5) Factor to Adjust for Subsequent Change in Fixed Expense	1.105
6) Indicated Provision for Fixed Expense [(4) x (5)]	\$22.40
7) Variable Expense and Profit Ratio	27.8 %
8) Indicated Average Premium [(1) + (6)] / [1 - (7)]	\$143.16
9) Projected Average Earned Premium at Current Rates	\$225.68
10) Indicated Rate Level Change [(8) / (9) - 1.0]	-36.6 %

Development of Provision for Loss and LAE Bodily Injury

Development of Provision for Loss and LAE

(7) Experience Year Weights	33 %
(6) Projected Average Loss and LAE (5)/(1)	\$126.13
t (5) Projected Ultimate I Loss and LAE	\$1,940,179 3,776,288
(4) Factor to Adjust Losses for Pure Premium Trend	1.033
(3) Ultimate Loss and LAE	\$1,878,198
(2) Accident Year Non-Catastrophe Ultimate Loss	\$1,589,000
(1) Earned Exposures	15,383 28,088
(1) Fiscal Year Ending Earned Exposures	3/31/2007 3/31/2008

(8) Indicated Provision for Loss and LAE

\$131.70

Development of Provision for Loss and LAE Property Damage

Development of Provision for Loss and LAE

(7) Experience Year Weights	35 %
(6) Projected Average Loss and LAE (5)/(1)	\$117.24
(5) Projected Ultimate Loss and LAE	\$1,803,426 3,351,864
(4) ctor to Adjust ssses for Pure emium Trend	1.033
(3) Fa Ultimate Loss and La LAE Pr	\$1,745,814 3,276,504
(2) Accident Year Non-Catastrophe Ultimate Loss	\$1,477,000 2,772,000
(1) Earned Exposures	15,383 28,088
(1) Fiscal Year Ending Barned Exposures	3/31/2007

\$118.60

(8) Indicated Provision for Loss and LAE

Development of Provision for Loss and LAE Medical

Development of Provision for Loss and LAE

Fiscal Year Ending	(1) iscal Year Ending Earned Exposures	(2) Accident Year Non-Catastrophe Ultimate Loss	(3) Ultimate Loss and LAE	(4) Factor to Adjust Losses for Pure Premium Trend	(5) Projected Ultimate Loss and LAE	(6) Projected Average Loss and LAE (5)(1)	(7) Experience Year Weights
3/31/2007	11,780	\$412,000	\$486,984	1.000	\$486,984	\$41.34	40 %
3/31/2008	21,314	782,000	924,324	1.000	924,324	43.37	09
		(8) Indicated Provision for Loss and LAE	on for Loss and LAE			\$42.56	

Allstate Property & Casualty Insurance Company
Private Passenger Auto
Arkansas

Development of Provision for Loss and LAE Uninsured/Underinsured Motorists

Development of Provision for Loss and LAE

(4) Factor to Adjust (5) Projected Average (7) and Losses for Pure Projected Ultimate Loss and LAE Experience Year Premium Trend Loss and LAE (5)/(1) Weights	\$718,656 1.136 \$816,393 \$55.59 33 % 897,138 1.092 979,675 36.41 67
(2) Accident Year (3) Fa Non-Catastrophe Ultimate Loss and Lo	\$608,000 \$718 759,000 897
(I) Earned Exposures	14,687 26,910
(1) Fiscal Year Ending Earned Exposures	3/31/2007

\$42.74

(8) Indicated Provision for Loss and LAE

Allstate Property & Casualty Insurance Company Private Passenger Auto Arkansas

Development of Provision for Loss and LAE Collision

Development of Provision for Loss and LAE

ident Year Catastrophe imate Loss	Accident Year (3) Fa Non-Catastrophe Ultimate Loss and Lo Ultimate Loss LAE Pr
\$2,023,000	\$2,023,000
3,890,000	3,890,000

\$242.68

(8) Indicated Provision for Loss and LAE

Allstate Property & Casualty Insurance Company
Private Passenger Auto
Arkansas

Development of Provision for Loss and LAE Comprehensive

Development of Provision for Loss and LAE

(1) Gscal Year Ending Earned Exposures	3/31/2007 10,609	3/31/2008 19,463
(2) Accident Year Non-Catastrophe sures Ultimate Loss	\$737,000	1,213,000
(3) Average Catastrophe Factor	0.175	0.175
(4) Accident Year Ultimate Loss (2) * (1+(3))	\$865,975	1,425,275
(5) Ultimate Loss and LAE	\$995,871	1,639,066
(6) Factor to Adjust Losses for Pure Premium Trend at Projected Ultimate 6/30/2008 Loss and LAE	0.906	0.934
(7) Projected Ultimate Loss and LAE	\$902,259	1,530,888
(8) Projected Average Loss and LAE (7)/(1)	\$85.05	78.66
(9) Experience Year Weights	36 %	64

(10) Indicated Provision for Loss and LAE

\$80.96

Development of Projected Average Earned Premium Bodily Injury

	\$160.58	At Current Rates	7) Projected Average Earned Premium At Current Rates	(7) Projected Aver		
100 %	\$160.58	\$4,510,302	0.934	\$4,829,017	28,088	3/31/2008
(6) Experience Year Weights		Projected Earned Projected Average Premium at Earned Premium Current Rates at Current Rates (2) x (3) (4) / (1)	(3) Factor to Adjust to Projected Premium Level	(2) Earned Premium at Current Rates	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending

Development of Projected Average Earned Premium Property Damage

	\$144.65	At Current Rates	7) Projected Average Earned Premium At Current Rates	(7) Projected Aver			
100 %	\$144.65	\$4,063,024	0.934	\$4,350,133	28,088	3/31/2008	
Experience Year Weights	at Current Rates (4) / (1)	Current Kates (2) x (3)	num Projected Premum ates Level	Earned Prem at Current R	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending	
(9)		Projected Earned Premium at	(3) Factor to Adjust to	(2)			
	(2)	4					

Development of Projected Average Earned Premium Medical

	\$33.92	At Current Rates	7) Projected Average Earned Premium At Current Rates	(7) Projected Aver		
% 001	\$33.92	\$722,891	0.891	\$811,325	21,314	3/31/2008
(6) Experience Year Weights	Earned Premium at Current Rates (4) / (1)	Premium at Current Rates (2) x (3)	Factor to Adjust to Projected Premium Level	(2) Earned Premium at Current Rates	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending
9	(5) Projected Average Farned Premium	(4) Projected Earned Premium at	(3) Factor to Adiust to	8		

Development of Projected Average Earned Premium Uninsured / Underinsured Motorist

	\$64.34	At Current Rates	7) Projected Average Earned Premium At Current Rates	(7) Projected Aver		
100 %	\$64.34	\$1,731,486	1.011	\$1,712,647	26,910	3/31/2008
Experience Year Weights	at Current Rates (4) / (1)		Projected Premium Level	Earned Premium at Current Rates	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending
(9)	Projected Average Earned Premium	Projected Earned Projected Average Premium at Earned Premium	(3) Factor to Adjust to	(2)		
	(2)	(4)				

Development of Projected Average Earned Premium Collision

	\$392.46	At Current Rates	(7) Projected Average Earned Premium At Current Rates	(7) Projected Aver		
100 %	\$392.46	\$7,493,612	1.046	\$7,164,065	19,094	3/31/2008
Experience Year Weights	at Current Rates (4) / (1)	Current Rates (2) x (3)	nium Projected Premium lates Level	Earned Premium at Current Rates	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending
(9)	Projected Average Earned Premium	Projected Earned Premium at	(3) Factor to Adjust to	(2)		
	(2)	4)				

Development of Projected Average Earned Premium Comprehensive

	\$225.68	At Current Rates	14) Projected Average Earned Premium At Current Rates	(14) Projected Ave		
100 %	\$225.68	\$4,392,437	1.023	\$4,293,682	19,463	3/31/2008
Experience Year Weights	at Current Rates E (4)/(1)	Current Rates (2) x (3)	Projected Premium C Level	Earned Premium at Current Rates	(1) Fiscal Year Ending Earned Exposures	Fiscal Year Ending
(9)	Projected Average Earned Premium	ejected Earned Premium at	(3) Factor to Adjust to	(2)		
	(c)	€				

Ultimate Losses (excluding ULAE)

Ultimate Losses Link Ratio Additive Estimate Estimate Coverage Year Selected 2007 1,584,137 1,589,139 1,589,000 **Bodily Injury Bodily Injury** 2008 3,210,174 3,123,466 3,123,000 1,477,000 Property Damage 2007 1,478,465 1,477,275 2,772,000 Property Damage 2008 2,780,536 2,772,200 407,226 412,124 412,000 Medical Payments 2007 Medical Payments 2008 763,212 782,125 782,000 608,000 Uninsured/Underinsured Motorists 2007 649,615 608,362 759,000 Uninsured/Underinsured Motorists 2008 799,717 758,607 2,022,984 2,023,000 Collision 2007 2,023,293 Collision 2008 3,879,735 3,889,936 3,890,000 Comprehensive (excluding catastrophes) 2007 737,560 737,265 737,000 Comprehensive (excluding catastrophes) 2008 1,214,584 1,212,638 1,213,000 Allstate Insurance Group Private Passenger Auto Arkansas

Calculation of Loss Development Factors Bodily Injury Incurred Losses f

	123 Months: 8,860,538	8,458,849	7,496,526	7,794,450	9,445,240																			
	111.Months 8,845,960	8,463,291	7,507,976	7,793,818	9,445,240	8,814,333										111 to 123	1,002	0.999	866'0	1,000	1.000	1,000	1.000	
	99 Months	8,483,650	7,506,606	7,752,072	9,445,240	8,830,749	9,747,708									99 to 111	8660	1,000	1.005	1.000	8660	0.999	0.999	
	87 Months		7,500,370	7,750,254	9,360,842	8,833,062	9,748,172	10,355,072								87 to 99	1.00.1	1.000	1,009	1.000	1.000	1.000	1.000	
	25 Months			7,752,673	9,406,113	8,776,903	9,665,821	10,344,998	10,913,843							75 to 87	1.000	0.995	1.006	1.009	1.00.1	1.002	1.002	
	63 Months				9,344,439	8,738,178	9,571,805	10,316,594	10,885,907	10,015,268					iios	63 to 75	1,007	1.004	1.010	1,003	1.003	1.005	1.005	
	51 Months					8,608,199	9,357,042	10,252,248	10,744,483	9,946,247	9,245,955				Link Ratios	51 to 63	1.015	1.023	1.006	1.013	1,007	1.012	1.012	
	39 Months						9,062,265	9,899,814	10,360,811	9,459,892	9,050,675	10,379,529				39 to 51	1.033	1.036	1.037	1,051	1.022	1.035	1.035	
	27 Months							8,971,192	9,328,761	8,530,476	8,494,325	9,082,802	9,869,186			27 to 39	1.104	1.111	1.109	1.065	1.143	1.108	1,108	
	15 Months								7,274,800	6,592,733	6,915,751	7,316,075	7,260,015	7,338,798		15 to 27	1.282	1.294	1.228	1.241	1.359	1.272	1.272	
Fiscal Accident	Year Ending 3/31	9661	1661	8661	6661	2000	2001	2002	2003	2004	2005	2006	2007	2008		Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	5 Year Excluding High/Low Outliers:	Selected:	

Link Ratio Method Selected Methodology

27 - 123 1.168 15-123 Loss Development Period (months): Loss Development Factor:

fincludes ALAE fincludes supplemental reserves in addition to case reserves

ALAE	1,584,137	3,210,174
Factor to Ultimate	1.168	1.485
Inc. Loss	\$1,356,282	\$2,161,733
Year	2007	2008
	Inc. Loss Factor to Ultimate	Inc. Loss Factor to Ultimate \$1,356,282 1.168

Alistate Property & Casualty Insurance Company

Allstate insurance Group Private Passenger Auto Arkansas

Calculation of Loss Development Factors Property Damage Incurred Losses †

87 Months 6,864,941 7,167,671 7,650,355 8,326,094 8,305,435 8,818,884

	ω,																				
	75 Months	7,181,176	7,650,355	8,323,749	8,333,166	8,818,047	8,963,664		-					75 to 87	0.998	1.000	1.000	166.0	1.000	0.999	0.999
	63 Months		7,683,178	8,338,667	8,341,385	8,829,436	8,962,084	9,195,027						63 to 75	0.996	0.998	0.999	0.999	1,000	0.999	0.999
	51 Months			8,331,655	8,358,166	8,942,147	9,040,998	9,213,137	8,936,833					51 to 63	1,001	866.0	0.987	0.991	0.998	966'0	966'0
-	39 Months				8,308,868	8,833,166	9,098,153	9,239,074	8,922,835	9,168,506			Link Ratios	39 to 51	1.006	1.012	0.994	0.997	1.002	1,002	1.002
	27 Months					8,903,382	8,982,923	9,186,516	8,922,477	9,177,344	9,848,337			27 to 39	0.992	1.013	1.006	1,000	0.999	1.002	1.002
	15 Months						9,012,573	9,416,956	8,760,426	8,802,475	9,545,835	10,386,396		15 to 27	0.997	0.976	1.018	1.043	1,032	1.016	1.016
Fiscal Accident	<u>Year Ending 3/31</u> 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	•	Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	5 Year Excluding High/Low Outliers:	Selected:

Link Ratio Method Selected Methodology 27 - 87 0.998 15-87 Loss Development Period (months): Loss Development Factor:

fincludes ALAE Includes supplemental reserves in addition to case reserves

Allstate Property & Casualty Insurance Company

Year Inc. Loss Factor to Unimate ALAE

Allstate Insurance Group Private Passenger Auto Arkansas

Calculation of Loss Development Factors

	87 Months 1,370,434	1,486,410	1,483,393	1,592,534	1,819,380	1,766,412																
	75 Months	1,486,410	1,478,393	1,592,534	1,825,781	1,769,787	2,107,133							75 to 87	000'1	1.003	1.000	966.0	0.998	0.999	0.999	
	63 Months		1,484,262	1,617,469	1,825,748	1,776,031	2,105,608	2,021,242						63 to 75	966'0	0.985	1.000	966.0	1.001	0.997	0.997	
	51 Months			1,621,985	1,681,857	1,771,762	2,113,691	2,036,275	2,175,830					51 to 63	266.0	1.086	1.002	966'0	0.993	866'0	0.998	
	39 Months				1,691,288	1,784,445	2,144,087	2,058,696	2,229,566	2,329,939			Link Ratios	39 to 51	0.994	0.993	0.986	0.989	9260	686'0	0.989	
	27 Months					1,848,608	2,229,347	2,119,173	2,333,806	2,500,812	2,429,973			27 to 39	0.965	0.962	0.971	0.955	0,932	0.961	0.961	
	15 Months						2,354,923	2,385,953	2,731,890	2,552,373	2,395,530	2,598,230		15 to 27	0.947	0.888	0.854	0.980	1.014	0.938	0.938	
Fiscal Accident	Year Ending 3/31	8661	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	5 Year Excluding High/Low Outliers:	Selected:	

Link Ratio Method Selected Methodology 27 - 87 0.945 15 - 87 0.886 Loss Development Period (months): Loss Development Factor:

Allstate Property & Casualty Insurance Company

Ultimate Loss &	ALAE	407,226	763,212	
	Factor to Ultimate	0.945	0.886	
	Inc. Loss	\$430,927	\$861,413	
	Year	2007	2008	

Allstate insurance Group Private Passenger Auto Arkansas Calculation of Loss Development Factors Uninsured / Underinsured Motorist Incurred Losses † 123 Months 1,565,702 1,401,588 1,883,316 2,428,992 2,451,273

	111 Months																111 to 123	1,000	1,004	0.999	1.012	1.003	1.002	1.002
٠	99 Months		1,396,132	1,884,893	2,381,095	2,463,068	2,442,815	2,568,795									99 to 111	1.000	1.000	1.008	0.992	1.001	1.000	1.000
	87 Months			1,884,893	2,377,538	2,464,442	2,473,561	2,568,795	2,299,768								87 to 99	1.000	1.001	0.999	0.988	1.000	1.000	1.000
	75 Months				2,349,194	2,459,083	2,463,822	2,545,209	2,294,414	2,037,043							75 to 87	1,012	1.002	1.004	1,009	1.002	1.005	1.005
OSSES	63 Months					2,477,301	2,446,026	2,560,826	2,261,994	2,003,867	2,570,781					atios	63 to 75	0.993	1.007	0.994	1.014	1.017	1.005	1 005
Incurred Losses	51 Months						2,418,959	2,551,341	2,105,640	2,008,834	2,562,314	2,217,438				Link Ratios	51 to 63	1.011	1.004	1.074	0.998	1,003	1,006	1 006
	39 Months							2,554,378	2,013,297	1,954,196	2,173,710	2,133,600	2,677,348				39 to 51	0.999	1.046	1.028	1.179	1.039	1.038	1 038
	27 Months								1,597,872	1,709,654	2,001,768	2,059,365	2,593,050	2,952,925			27 to 39	1,260	1.143	1.086	1,036	1.033	1.088	1.088
	15 Months									1,385,355	1,732,609	1,766,254	2,110,181	2,458,850	2,008,134		15 to 27	1.234	1.155	1.166	1.229	1.201	1.199	1 199
	Fiscal Accident Year Ending 3/31	1995	9661	1997	8661	6661	2000	2001	2002	2003	2004	2005	2006	2007	2008		Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	5 Year Excluding High/Low Outliers;	Celected

Selected Methodology Link Ratio Method

 Loss Development Period (months):
 15-123
 27-123

 Loss Development Factor:
 1.379
 1.150

†Includes ALAE ‡Includes supplemental reserves in addition to case reserves

ides supplemental reserves in addition to case reserves

Alstate Property & Casualty Insurance Company

Ultimate Loss & imate ALAE	649,615	717,667
Factor to Ultimate	1.150	1.379
Inc. Loss	\$564,883	\$579,925
Year	2007	2008

Allstate Insurance Group Private Passenger Auto Arkansas

. 1	ofLos	s Development Factors	
	Jo t	807	

Collision	Paid Losses

	87 Months	8,778,768	9,144,021	9,576,020	10,608,083	11,418,607	11,804,076																
	75 Months		9,144,021	9,576,020	10,608,077	11,420,318	11,804,544	11,345,268							75 to 87	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
	63 Months			9,576,279	10,608,077	11,424,119	11,805,441	11,345,268	11,793,681						63 to 75	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
	51 Months				10,605,180	11,434,164	11,808,589	11,343,898	11,793,402	11,647,282					<u>51 to 63</u>	1.000	0.999	1.000	1.000	1.000	1.000	1.000	
	39 Months					11,408,606	11,787,399	11,342,775	11,789,977	11,641,004	11,470,365			Link Ratios	39 to 51	1.002	1.002	1.000	1.000	1,001	1.000	1.000	
	27 Months						11,786,190	11,344,023	11,792,833	11,636,729	11,481,845	12,991,064			27 to 39	1.000	1,000	1.000	1,000	0.999	1.000	1.000	
	15 Months							11,505,620	11,862,325	11,777,830	11,718,592	13,172,979	13,901,492		15 to 27	0.986	0.994	0.988	0.980	0.986	0.985	0.985	
Fiscal Accident	Year Ending 3/31 1995 1996	1661	1998	1999	2000	2001	2002	2003	2004	, 2005	2006	2007	2008		Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	3 Year Average:	Selected:	
		15 Months 27 Months 39 Months 51 Months 63 Months 75 Months	t 15 Months 27 Months 39 Months 51 Months 63 Months 75 Months	t	15 Months 27 Months 39 Months 51 Months 53 Months 75 Months 75 Months 9,144,021 9,576,279 9,576,020	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 15 Months 9,144,021 9,144,021 9,576,279 9,576,279 9,576,020 10,608,077 10,608,077	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 15 Months 9,144,021 9,144,021 9,576,279 9,576,020 10,605,180 10,608,077 10,608,077 11,408,606 11,434,164 11,424,119 11,420,318	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 9,144,021 9,144,021 9,576,279 9,576,020 10,605,180 10,608,077 10,608,077 11,408,606 11,434,164 11,424,119 11,420,318 11,786,190 11,786,190 11,787,399 11,808,589 11,805,441 11,804,544 11	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 15 Months 164 Months 15 Months 164	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 75 Months 15 Months 15 Months 75 Months 75 Months 15 Months 16 Mon	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 75 Months 15 Months 15 Months 75 Months 75 Months 15 Months 16 Mon	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 15 Months 27 Months 10,605,180 9,576,279 9,144,021 11,786,190 11,408,606 11,434,164 11,424,119 11,400,377 11,505,620 11,344,023 11,342,775 11,343,889 11,345,268 11,705,830 11,786,399 11,343,889 11,345,268 11,345,268 11,777,830 11,641,004 11,647,282 11,793,681 11,718,592 11,718,592 11,471,365 11,470,365 11,470,365	15 Months 27 Months 39 Months 51 Months 63 Months 75 Months 15 Months 27 Months 27 Months 15 Months 75 Months 15 Months 10,605,180 10,605,180 10,608,077 10,608,077 10,608,077 10,608,077 11,705,620 11,786,190 11,787,399 11,434,164 11,420,119 11,420,318 11,705,620 11,344,023 11,342,775 11,343,889 11,345,641 11,345,68 11,777,830 11,636,729 11,789,977 11,793,681 11,345,268 11,345,268 11,718,592 11,470,365 11,470,365 11,470,365 11,470,365	15 Months 27 Months 39 Months 51 Months 55 Months 75 Months 15 Months 27 Months 51 Months 52 Months 75 Months 75 Months 15 Months 10,605,180 10,608,077 9,144,021 9,144,021 11,786,190 11,786,190 11,787,399 11,434,119 11,420,318 11,862,325 11,792,833 11,789,977 11,793,402 11,345,268 11,345,268 11,777,830 11,641,004 11,647,282 11,793,681 11,345,268 11,345,268 11,718,592 11,486,845 11,470,365 11,470,365 11,793,681 11,793,681 13,901,492 12,991,064 12,991,064 11,470,365 11,470,365 11,470,365	15 Months 27 Months 39 Months 51 Months 52 Months 75 Months 15 Months 27 Months 27 Months 51 Months 52 Months 75 Months 10,605,180 10,605,180 10,608,077 9,576,279 9,786,020 11,786,190 11,787,399 11,408,606 11,434,164 11,420,318 11,862,325 11,344,023 11,343,898 11,345,268 11,345,268 11,777,830 11,641,004 11,647,282 11,793,681 11,345,268 11,717,830 11,470,365 11,470,365 11,470,365 11,793,681 11,793,681 13,172,979 12,991,064 11,470,365 11,647,282 11,793,681 11,793,681	15 Months 27 Months 39 Months 51 Months 53 Months 75 M	15 Months 27 Months 39 Months 51 Months 53 Months 75 M	15 Months 27 Months 29 Months 51 Months 53 Months 75 M	15 Months 27 Months 39 Months 51 Months 53 Months 75 M	15 Months 27 Months 29 Months 51 Months 53 Months 75 M	15 Months 22 Months 29 Months 51 Months 53 Months 73 M	15 Months 27 Months 29 Months 51 Months 53 Months 75 M	15 Months 27 Months 29 Months 51 Months 53 Months 75 M

Link Ratio Method Selected Methodology

15 - 87 0.985 Loss Development Period (months): Loss Development Factor:

27 - 87 1.000

Allstate Property & Casualty Insurance Company

Ultimate Loss & ALAE	2,023,293 3,879,735
Factor to Ultimate	1,000
Inc. Loss	\$2,023,293
Year	2007

Calculation of Loss Development Factors
Comprehensive
Paid Losses

	75 Months				4,124,258	4,722,398	5,268,317	5,639,130	6,066,119	4,716,262							75 to 87	1,000	1,000	1,000	1.000	1.000	1.000	1.000
	63 Months				٠	4,722,398	5,268,326	5,639,130	6,065,742	4,715,410	5,110,257						63 to 75	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	51 Months						5,268,679	5,636,671	6,061,781	4,712,143	5,110,257	4,968,874					51 to 63	1.000	1.000	1.001	1.001	1.000	1.001	1.001
	39 Months							5,630,724	6,058,134	4,711,264	5,107,862	4,978,097	4,572,271			Link Ratios	39 to 51	1.001	1,001	1.000	1.000	0.998	0.999	666'0
	27 Months								6,043,413	4,712,614	5,109,431	4,972,229	4,566,236	4,529,602			27 to 39	1.002	1.000	1.000	1.001	1.001	1.001	1.001
	15 Months									4,651,477	5,109,289	4,925,641	4,507,517	4,483,742	4,772,265		15 to 27	1.013	1.000	1.009	1.013	1.010	1.011	1.011
Fiscal Accident	Year Ending 3/31	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		Development	4th Prior	3rd Prior	2nd Prior	1st Prior	Latest	3 Year Average:	Selected:

4,039,858 4,124,258 4,722,398 5,268,332 5,640,307 6,066,119

87 Months

Link Ratio Method Selected Methodology

<u>27 - 87</u> 1.001 15 - 87 Loss Development Period (months): Loss Development Factor:

Ultimate Loss &	ALAE	737,560	1,214,584
	Factor to Ultimate	1.001	1.012
	Inc. Loss	\$736,823	\$1,200,182
	Year	2007	2008

Loss Development Method - Additive Method Summary of Trend Selections

Coverage	Trend
Bodily Injury	2.0%
Property Damage	0.0%
Medical Payments	4.0%
Uninsured Motorists	1.0%
Collision	1.0%
Comprehensive	-4.0%

Calculation of Loss Development Factors Bodily Injury

Incurred Losses †

Fis	cal Accident											Earned
	Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Monthst	Exposures
ada Tabibas	1995	7,128,630	7,925,958	8,193,524	8,663,637	8,740,537	8,813,537	8,831,847	8,844,612	8,845,960	8,860,538	95,409
	1996	5,792,556	7,089,567	7,683,492	8,510,775	8,346,276	8,410,826	8,450,190	8,483,650	8,463,291	8,458,849	93,856
	1997	4,434,947	6,114,973	6,708,821	7,228,455	7,330,575	7,400,323	7,500,370	7,506,606	7,507,976	7,496,526	94,549
	1998	5,472,148	6,761,069	7,128,561	7,573,214	7,665,412	7,752,673	7,750,254	7,752,072	7,793,818	7,794,450	97,273
	1999	6,297,456	8,013,563	8,809,932	9,230,615	9,344,439	9,406,113	9,360,842	9,445,240	9,445,240	9,445,240	100,954
	2000	5,891,828	7,308,657	8,065,318	8,608,199	8,738,178	8,776,903	8,833,062	8,830,749	8,814,333		104,403
	2001	6,493,022	8,087,458	9,062,265	9,357,042	9,571,805	9,665,821	9,748,172	9,747,708	0,01.1,000		104,559
•	2001	7,162,277	8,971,192	9,899,814	10,252,248	10,316,594	10,344,998	10,355,072	2,1-1,244			106,128
	2002	7,102,277	9,328,761	10,360,811	10,744,483	10,885,907	10,913,843	10,000,012				105,966
				9,459,892	9,946,247	10,015,268	10,913,643					109,773
	2004	6,592,733	8,530,476 8,494,325	9,050,675	9,245,955	10,012,200						113,210
	2005	6,915,751		10,379,529	9,243,933							114,168
	2006	7,316,075	9,082,802	10,379,349								104,616
	2007	7,260,015	9,869,186									94,120
	2008	7,338,798										24,120
Selected Trend	<u> </u>			2,0%								
t	······											
					Trended	Incurred Losses						
	cal Accident											
Year	Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months 11,443,193	123 Months‡ 11,462,051	
	1995								10 500 550			
	1996							0.007.070	10,759,320	10,733,499	10,727,866	
	1997						0.450.465	9,325,767	9,333,521	9,335,224	9,320,988 9,501,391	
	1998						9,450,465	9,447,516	9,449,733	9,500,621		
	1999					11,167,470	11,241,176	11,187,073	11,287,936	11,287,936	11,287,936	
	2000			10.400.604	10,085,877	10,238,168	10,283,541	10,349,340	10,346,630	10,327,396		
	2001			10,409,694	10,748,300	10,994,995	11,102,990	11,197,585	11,197,052			
	2002		10,103,019	11,148,798	11,545,696	11,618,160	11,650,148	11,661,493				
	2003	8,031,967	10,299,706	11,439,173	11,862,777	12,018,921	12,049,765					
	2004	7,136,186	9,233,662	10,239,691	10,766,138	10,840,848						
	2005	7,339,050	9,014,246	9,604,649	9,811,881							
	2006	7,611,644	9,449,747	10,798,862								
	2007	7,405,215	10,066,570									
•	2008	7,338,798								•		
					Trended Additive	e Amounts per Expo	sure					
Ī	<u>Development</u>	15 to 27	27 to 39	39 to 51	51 to 63	63 to 75	75 to 87	87 to 99	99 to 111	111 to 123		
	4th Prior	21.401	9.854	3.238	1,459	0.730	-0.030	0.082	-0.275	0.198		
	3rd Prior	19.107	10.753	3,740	2.359	0.435	-0.536	0.023	0.018	-0.060		
	2nd Prior	14,797	9.165	3,998	0.683	1.033	0.630	0.999	0.523	-0.151		
	1st Prior	16.100	5.215	4.796	1.474	0,301	0.905	-0,026	0.000	0.008		
	Latest	25.439	11,817	1.831	0.681	0,291	0.107	-0.005	-0.184	0.000		
5 Year Excluding		UR DO	0.01	2.66	1 20	0.48	0.24	0,03	-0.06	-0,02		
	Outliers:	18,80	9.91	3,66	1,20			0,03	-0.06	-0.02		
	Selected:	18,80	9.91	3.66	1.20	0.48	0,24	0,03	-0.00	*V.V4		
Selected Method	ology A	dditive Method										
Loss Davids	nt Danied (
Loss Developme months):	nt remoti (15 - 123	27 - 123									
	. P	34.24	<u>27 - 123</u> 15.44									
Additive Amt pe	ı. rexb:	34,44	13.44									

Alistate Property & Casualty Insurance Company

†Includes ALAE
‡Includes supplemental reserves in addition to case reserves

Year	Trended Age-to-Ult Additive Amt Per Exnosure	Earned Exposures	Trended Losses Yet To Emerge	De-Trended Losses Yet To Emerge	Incurred Loss & ALAE	Ultimate Loss & ALAE	
2007	15,44	15,383	237,514	232,857	1,356,282	1,589,139	
2008	34.24	28,088	961,733	961,733	2,161,733	3,123,466	

Calculation of Loss Development Factors Property Damage

			Incurred Losses	†				
Fiscal Accident								Earned
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	Exposures
1997	6,901,089	6,806,154	6,820,338	6,873,286	6,856,447	6,862,541	6,864,941	94,549
1998	7,079,724	7,164,741	7,205,247	7,192,375	7,172,884	7,181,176	7,167,671	97,273
1999	7,409,647	7,697,600	7,716,525	7,758,079	7,683,178	7,650,355	7,650,355	100,954
2000	7,999,306	8,371,849	8,441,803	8,331,655	8,338,667	8,323,749	8,326,094	104,403
2001	8,294,803	8,678,130	8,308,868	8,358,166	8,341,385	8,333,166	8,305,435	104,559
2002	8,793,811	8,903,382	8,833,166	8,942,147	8,829,436	8,818,047	8,818,884	106,128
2003	9,012,573	8,982,923	9,098,153	9,040,998	8,962,084	8,963,664		105,966
2004	9,416,956	9,186,516	9,239,074	9,213,137	9,195,027	* *		109,773
2005	8,760,426	8,922,477	8,922,835	8,936,833				113,210
2006	8,802,475	9,177,344	9,168,506			1		114,168
2007	9,545,835	9,848,337	.,,	*				104,616
2008	10,386,396	A toler.						94,120
2005						•		
Selected Trend:			0.0%					
			Trended Incurred L	osses				
Fiscal Accident								
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	
1997							6,864,941	
1998						7,181,176	7,167,671	
1999					7,683,178	7,650,355	7,650,355	
2000				8,331,655	8,338,667	8,323,749	8,326,094	
2001			8,308,868	8,358,166	8,341,385	8,333,166	8,305,435	
2002	•	8,903,382	8,833,166	8,942,147	8,829,436	8,818,047	8,818,884	
2003	9,012,573	8,982,923	9,098,153	9,040,998	8,962,084	8,963,664		
2004	9,416,956	9,186,516	9,239,074	9,213,137	9,195,027			
2005	8,760,426	8,922,477	8,922,835	8,936,833				
2006	8,802,475	9,177,344	9,168,506					
2007	9,545,835	9,848,337	, ,					
2008	10,386,396	2,0 70,00						
2000	,,	T 1	d Additive Amounts	F				
		1 renae	a Admine Amounts	ber exposure				
<u>Development</u>	15 to 27	27 to 39	39 to 51	51 to 63	63 to 75	75 to 87		
4th Prior	-0.280	-0.662	0.471	0.067	-0.325	-0,139		
3rd Prior	-2.099	1.087	1.027	-0.160	-0.143	0.000		
2nd Prior	1.431	0,479	~0.539	-1.062	-0.079	0.022		
1st Prior	3,283	0.003	-0,236	-0,745	-0.107	-0.265		
Latest	2.892	-0.077	0.124	-0,165	0.015	0.008	.,,	
5 Year Excluding High/Low								
Outliers:	1.34	0,13	0.11	-0.36	-0.11	-0.04		
Selected:	1.34	0.13	0.11	-0.36	-0.11	-0.04		
Selected Methodology Ad	dditive Method							
Loss Development Period (
months):	<u>15 - 87</u>	<u>27 - 87</u>						
Additive Amt per Exp:	1.07	-0.27						

†Includes ALAE
‡Includes supplemental reserves in addition to case reserves

Year	Trended Age-to-Ult Additive Amt Per Exposure	Earned Exposures	Trended Losses Yet To Emerge	De-Trended Losses Yet To Emerge	Incurred Loss & ALAE	Ultimate Loss & ALAE
2007	-0.27	15,383	-4,153	-4,153	1,481,428	1,477,275
2008	1.07	28,088	30,054	30,054	2,742,146	2,772,200

Calculation of Loss Development Factors Medical

Incurred Losses †

						The second secon		
Fiscal Accident								Earned
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	Exposures
1997	1,945,889	1,432,723	1,415,782	1,377,714	1,373,353	1,370,684	1,370,434	75,770
1998	1,813,522	1,573,139	1,490,116	1,489,715	1,492,663	1,486,410	1,486,410	76,893
1999	1,748,850	1,578,995	1,533,287	1,481,099	1,484,262	1,478,393	1,483,393	79,496
2000	1,833,407	1,711,219	1,609,488	1,621,985	1,617,469	1,592,534	1,592,534	81,315
2001	1,921,927	1,725,263	1,691,288	1,681,857	1,825,748	1,825,781	1,819,380	80,697
2002	1,993,175	1,848,608	1,784,445	1,771,762	1,776,031	1,769,787	1,766,412	81,962
2003	2,354,923	2,229,347	2,144,087	2,113,691	2,105,608	2,107,133		81,250
2004	2,385,953	2,119,173	2,058,696	2,036,275	2,021,242			84,008
2005	2,731,890	2,333,806	2,229,566	2,175,830				86,419
2006	2,552,373	2,500,812	2,329,939					87,097
2007	2,395,530	2,429,973						80,385
2008	2,598,230							72,468
Selected Trend:			4,0%					
			Trended Incurred	Losses	•			
Fiscal Accident								
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	
1997						2 24 2 24 2	2,109,720	
1998					4114 ***	2,200,250	2,200,250	
1999					2,112,568	2,104,214	2,111,331	
2000				2,219,798	2,213,618	2,179,493	2,179,493	
2001			2,225,620	2,213,209	2,402,560	2,402,603	2,394,180	
2002		2,339,079	2,257,892	2,241,844	2,247,246	2,239,345	2,235,075	
2003	2,865,124	2,712,341	2,608,610	2,571,628	2,561,794	2,563,649		•
2004	2,791,228	2,479,133	2,408,383	2,382,154	2,364,567			
2005	3,073,005	2,625,214	2,507,959	2,447,513				
2006	2,760,647	2,704,878	2,520,062					
2007	2,491,351	2,527,172						
2008	2,598,230							
		Trend	led Additive Amounts	per Exposure				
Development	15 to 27	27 to 39	39 to 51	51.10.63	63 to 75	75 to 87		
4th Prior	-1.880	-0.991	-0.154	-0,076	-0.105	0.000		
3rd Prior	-3.715	-1,277	-0,196	2.346	-0.420	0.090		
. 2nd Prior	-5.182	-0,842	-0.455	0,066	0.001	0.000		
1st Prior	-0.640	-1.357	-0.312	-0.121	-0.096	-0.104		
Latest	0.446	-2.122	-0.699	-0.209	0,023	-0.052		
5 Year Excluding High/Low								
Outliers:	-2,06	-1.21	-0.32	-0.04	-0.07	-0.02		
Solected:	-2.06	-1.21	-0.32	-0.04	-0.07	-0.02		

Selected Methodology Additive Method

Loss Development Period (

months): <u>15 - 87</u> -3,72

<u>27 - 87</u> -1.66 Additive Amt per Exp:

†Includes ALAE

‡Includes supplemental reserves in addition to case reserves

Year	Trended Age-to-Uit Additive Amt Per Exposure	Earned Exposures	Trended Losses Yet To Emerge	De-Trended Losses Yet To Emerge	Incurred Loss & ALAE	Ultimate Loss & ALAE
2007	-1.66	11,780	-19,555	-18,803	430,927	412,124
2008	-3.72	21,314	-79,288	-79,288	861,413	782,125

Calculation of Loss Development Factors Uninsured / Underinsured Motorist

Incurred Losses †

Fiscal Accident											Earned
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	III Months	123 Months!	Exposures
1995	992,847	1,232,649	1,298,217	1,468,712	1,556,340	1,560,007	1,563,688	1,563,688	1,565,702	1,565,702	90,821
1996	918,667	1,125,930	1,128,564	1,212,633	1,274,595	1,396,737	1,393,118	1,396,132	1,396,132	1,401,588	88,801
1997	1,011,881	1,317,476	1,472,927	1,708,839	1,792,441	1,881,857	1,884,893	1,884,893	1,885,118	1,883,316	88,883
1998	1,734,286	2,134,342	2,255,556	2,362,742	2,367,873	2,349,194	2,377,538	2,381,095	2,400,199	2,428,992	90,708
1999	1,195,517	2,159,954	2,413,788	2,463,552	2,477,301	2,459,083	2,464,442	2,463,068	2,443,068	2,451,273	94,140
2000	1,689,831	2,138,670	2,250,777	2,418,959	2,446,026	2,463,822	2,473,561	2,442,815	2,444,466		96,642
2001	1,964,566	2,246,221	2,554,378	2,551,341	2,560,826	2,545,209	2,568,795	2,568,795			96,361
2002	1,214,583	1,597,872	2,013,297	2,105,640	2,261,994	2,294,414	2,299,768				98,125
2003	1,385,355	1,709,654	1,954,196	2,008,834	2,003,867	2,037,043					98,107
2004	1,732,609	2,001,768	2,173,710	2,562,314	2,570,781						102,054
2005	1,766,254	2,059,365	2,133,600	2,217,438							105,606
2006	2,110,181	2,593,050	2,677,348								106,947
2007	2,458,850	2,952,925									98,641
2008	2,008,134										88,793
			1.0%								
Selected Trend:			1.0%								
795				Trend	ed Incurred Losses						
Piscal Accident			0014 2	71.14 -4	2037 1	7034 0.	0734	00.11-44-	ttt Marcha .	192 Mourbod	
Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months 1,781,915	123 Months: 1,781,915	
1995								1,573,196	1,573,196	1,579,344	
1996							2,102,915	2,102,915	2,103,166	2,101,156	
1997						2,594,972	2,102,915	2,630,210	2,651,313	2,683,118	
1998 1999					2,709,388	2,689,463	2,695,324	2,693,821	2,671,947	2,680,921	
2000				2,619,386	2,648,696	2,667,966	2,678,512	2,645,219	2,647,006	2,000,721	
2000			2,738,639	2,735,383	2,745,552	2,728,809	2,754,096	2,754,096	2,047,000		
2002		1,696,173	2,137,155	2,235,179	2,401,152	2,435,567	2,441,250	2,124,070			
2002	1,456,022	1,796,864	2,053,880	2,111,305	2,106,084	2,140,953	2,141,200				
2004	1,302,960	2.083.048	2,261,971	2,666,354	2,675,165	2,140,950					
2005	1,819,773	2,121,766	2,198,250	2,284,629	2,015,105						
2005	2,152,596	2,645,170	2,731,163	0,007,027							
2007	2,483,439	2,982,454	2,101,100								
2008	2,008,134	2,200,101									
4479	2,000,134										
				Frended Adds	tive Amounts per Ex	iosure					
Development	15 to 27	27 to 39	39 to 51	51 to 63	63 to 75	75 to 87	87 to 99	99 to 111	111 to 123		
4th Prior	3,474	4,494	-0.034	0.303	-0.212	0.345	0.000	0.000	0.000		
3rd Prior	- 2.745	2.620	0.999	0,106	0.199	0.062	0.043	0.003	0.069		
2nd Prior	2.860	1.753	0.585	1.691	-0.174	0.109	-0.016	0,233	-0.023		
1st Prior	4.606	0.724	3,962	-0.053	0.351	0.262	-0.344	-0.232	0.351		
Latest	5.059	0.804	0.818	0.086	0.355	0.058	0,000	. 0.018	0.095		
5 Year Excluding											
High/Low Outliers:	3.65	1.70	0.80	0.16	0.13	0,14	-0,01	0.01	0.06		
Selected:	3.65	1.70	08.0	0.16	0.13	0.14	-0.01	0.01	0.06		

Selected Methodology Additive Method

Loss Development Period (months): Additive Amt per Exp:

15 • 123 6.64

<u>27 - 123</u> 2.99

†Includes ALAE ‡Includes supplemental reserves in addition to case reserves

	Trended					
	Age-to-Uit		Trended	De-Trended		
	Additive Amt	Earned	Losses Yet	Losses Yet	Incurred	Ultimate
Year	Per Exposure	Exposures	To Emerge	To Emerge	Loss & ALAE	Loss & ALAE
2007	2.99	14,687	43,914	43,479	564,883	608,362
2000	£ £ 4	26 018	170 693	179 692	570 025	759 607

Calculation of Loss Development Factors Collision

Paid Losses

Fiscal Acciden								Earned
Year Endine 3/3		27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	Exposures
1997		8,816,957	8,792,838	8,781,108	8,781,188	8,781,066	8,778,768	65,734
1998		9,182,793	9,156,138	9,150,685	9,149,992	9,144,021	9,144,021	67,660
1999		9,572,891	9,572,808	9,574,127	9,576,279	9,576,020	9,576,020	70,666
2000		10,611,860	10,609,248	10,605,180	10,608,077	10,608,077	10,608,083	73,171
2001		11,453,427	11,408,606	11,434,164	11,424,119	11,420,318	11,418,607	73,153
2002		11,786,190	11,787,399	11,808,589	11,805,441	11,804,544	11,804,076	74,162
2003		11,344,023	11,342,775	11,343,898	11,345,268	11,345,268		73,112
2004	11,862,325	11,792,833	11,789,977	11,793,402	11,793,681			75,342
2005	11,777,830	11,636,729	11,641,004	11,647,282				77,227
2006	11,718,592	11,481,845	11,470,365					77,371
2007	13,172,979	12,991,064						70,881
2008	13,901,492							63,744
			1.0%					
Selected Trend:			1.0%					
		971	ided Incurred Lesses					
Fiscal Acciden	t .	1 rer						
Year Ending 3/3		27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	
1997		<u>27 MARITA</u>	22,199,660	J1 HUMUIS	no months	12 Holling	9,794,194	
1998						10,100,688	10,100,688	
1999					10,473,435	10,473,152	10,473,152	
2000				11,483,890	11,487,027	11,487,027	11,487,034	
2001			12,231,570	12,258,971	12,248,202	12,244,127	12,242,292	
2002		12,511,278	12,512,562	12,535,055	12,531,714	12,530,761	12,530,265	
2003		11,922,682	11,921,371	11,922,551	11,923,991	11,923,991		
2004		12,271,669	12,268,697	12,272,261	12,272,552			
2003		11,989,334	11,993,738	12,000,206				
2000		11,712,630	11,700,919	, . ,				
2007		13,120,975	,					
2008		,,						
	,	T3. 4 4 4	ditive Amounts per Ex					
			•	•				
Developmen		<u>27 to 39</u>	39 to 51	<u>51 to 63</u>	63 to 75	75 to 87		
4th Prio		0.017	0,375	0.043	-0.064	0.000		
3rd Prio		-0.018	0.303	-0.147	0.000	0.000		
2nd Prio		-0.039	0.016	-0.045	-0.056	0.000		
1st Prior		0.057	0.047	0.020	-0.013	-0.025		
Lates		-0.151	0.084	0.004	0,000	-0.007		
3 Year Weighted Average		-0.04	0.05	-0.01	-0.02	-0,01		
Selected	: -2.53	-0.04	0,05	-0.01	-0.02	-0.01		

Selected Methodology

Additive Method

Loss Development Period (months): Additive Amt per Exp: <u>15 - 87</u> -2.56 <u>27 - 87</u> -0.03

Year	Trended Age-to-Ult Additive Amt Per Exposure	Earned Exposures	Trended Losses Yet To Emerge	De-Trended Losses Yet To Emerge	Incurred Loss & ALAE	Ultimate Loss & ALAE
2007	-0.03	10.393	-312	-309	2,023,293	
2008	-2.56	19.094	-48,881	-48,881	3,938,817	3,889,936

Calculation of Loss Development Factors Comprehensive

Paid Losses

	Fiscal Accident								Eamed
	Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	Exposures
	1997	4,032,943	4,035,795	4,037,519	4,038,700	4,039,213	4,039,108	4,039,858	68,299
	1998	4,087,853	4,119,936	4,122,667	4,123,687	4,123,687	4,124,258	4,124,258	70,251
	1999	4,632,185	4,720,837	4,721,872	4,722,092	4,722,398	4,722,398	4,722,398	73,295
	2000	5,159,307	5,271,902	5,266,042	5,268,679	5,268,326	5,268,317	5,268,332	75,764
	2001	5,565,444	5,613,806	5,630,724	5,636,671	5,639,130	5,639,130	5,640,307	75,783
	2002	5,968,653	6,043,413	6,058,134	6,061,781	6,065,742	6,066,119	6,066,119	76,756
	2003	4,651,477	4,712,614	4,711,264	4,712,143	4,715,410	4,716,262		75,609
	2004	5,109,289	5,109,431	5,107,862	5,110,257	5,110,257			77,894
	2005	4,925,641	4,972,229	4,978,097	4,968,874				79,828
	2006	4,507,517	4,566,236	4,572,271					80,036
	2007	4,483,742	4,529,602						73,423
	2008	4,772,265							66,116
Selected Trend:				-4.0%					
			Tre	ended Incurred Losses	:				
	Fiscal Accident								
	Year Ending 3/31	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	
	1997							2,578,396	
	1998						2,741,941	2,741,941	
	1999					3,270,421	3,270,421	3,270,421	
	2000				3,800,770	3,800,515	3,800,509	3,800,520	
	2001			4,231,193	4,235,662	4,237,510	4,237,510	4,238,394	
	2002		4,730,529	4,742,052	4,744,906	4,748,007	4,748,302	4,748,302	
	2003	3,792,687	3,842,537	3,841,436	3,842,153	3,844,817	3,845,511		
	2004	4,339,557	4,339,678	4,338,345	4,340,379	4,340,379			
	2005	4,357,892	4,399,110	4,404,302	4,396,142				
	2006	4,154,128	4,208,243	4,213,805					
	2007	4,304,392	4,348,418						
	2008	4,772,265							
	Trended Additive Amounts per Exposure								
	<u>Development</u>	15 to 27	27 to 39	39 to 51	51 to 63	63 to 75	75 to 87		
	4th Prior	0,659	0.150	0.059	-0.003	0.000	0,000		
	3rd Prior	0.002	-0.015	0,037	0.024	0.000	0.000		
	2nd Prior	0.516	-0,017	0.009	0,040	0.000	0,000		
	1st Prior	0,676	0.065	0.026	0.035	0.004	0,012		
	Latest	0.600	0,069	-0.102	0,000	0.009	0.000		
3 Year	Weighted Average:	0.60	0.04	-0.02	0,02	0.00	0.00		
	Selected:	0.60	0.04	-0.02	0.02	0.00	0.00		

Selected Methodology

Additive Method

Loss Development Period (months):

Additive Amt per Exp:

<u> 15 - 87</u> 0.64

<u> 27 - 87</u> 0.04

Allstate Property & Casualty Insurance Company

Year	Trended Age-to-Ult Additive Amt Per Exposure	Earned Exposures	Trended Losses Yet To Emerge	De-Trended Losses Yet To Emerge	Incurred Loss & ALAE	Ultimate Loss & ALAE
 2007	0.04	10,609	424	442	736,823	737,265
2008	0.64	19,463	12,456	12,456	1,200,182	1,212,638

ALLSTATE INSURANCE GROUP*

Private Passenger Automobile Liability Insurance Countrywide Expense Experience - Unallocated Loss Adjustment Factors

LIABILITY

	2005 - 2007
Direct Losses and Allocated Loss Adjustment Expense Incurred	\$16,339,885
Direct Unallocated Loss Adjustment Expense Incurred	\$2,975,851
3. Ratio (2)/(1)	0.1821
4. Proposed Provision	0.182

SOURCE: FDW (000 Omitted)

^{*} Alistate Insurance Company, Allstate Indemnity Company, Allstate Property and Casualty Insurance Company Allstate Fire and Casualty Insurance Company and Allstate County Mutual Insurance Company.

ALLSTATE INSURANCE GROUP*

Private Passenger Automobile Physical Damage Insurance Countrywide Expense Experience - Unallocated Loss Adjustment Factors

PHYSICAL DAMAGE

	2005 - 2007
Direct Losses and Allocated Loss Adjustment Expense Incurred	\$10,133,172
Direct Unallocated Loss Adjustment Expense Incurred	\$1,516,113
3. Ratio (2)/(1)	0.1496
4. Proposed Provision	0.150

SOURCE: FDW (000 Omitted)

^{*} Allstate Insurance Company, Allstate Indemnity Company, Allstate Property and Casualty Insurance Company, Allstate Fire and Casualty Insurance Company and Allstate County Mutual Insurance Company.

Calculation of Pure Premium Trend Factor

Selected	Annual	Pure	Premium	Impacts
ンションシン	1 LILLIUGE	LUIL	T Y ATTITUTE	TITIOUS

C	Historical	Projected
Coverage		
Bodily Injury	1.00 %	1.00 %
Property Damage	1.00	1.00
Medical	0.00	0.00
Uninsured / Underinsured Motorist	4.00	4.00
Collision	2.00	2.00
Comprehensive	-3.00	-3.00

	1st Prior Year	Current Year
1) Loss Trend Projection Date	12/30/2009	12/30/2009
2) Mid-Point of Current Year's Experience Period	9/30/2007	9/30/2007
3) Experience Period Ended	3/31/2007	3/31/2008
4) Midpoint of Experience Period	9/30/2006	9/30/2007
5) Historical: Number of Years from (4) to (2)	1.000	0.000
6) Projected: Number of Years from (2) to (1)	2.249	2.249

Calculation of Trend Factors

- (a) Historical Pure Premium Factors are the Annual Historical Impacts plus unity compounded for the number of years in (5)
- (b) Projected Pure Premium Factors are the Annual Projected Impacts plus unity compounded for the number of years in (6)
- (c) Factor to Adjust Losses for Pure Premium Trend = (a) x (b)

Catastrophe Insurance Losses Comprehensive

	Allstate Insu	rance Group	Incurred Losses	Percentage Catastrophe
Calendar Year	Total Incurred Losses	Catastrophe Losses	Excluding Catastrophes	Losses
1983	\$1,837,348	\$49,198	\$1,788,150	
1984	2,580,647	410,700	2,169,947	
1985	2,131,560	108,640	2,022,920	
1986	3,004,305	421,939	2,582,366	
1987	3,348,493	140,750	3,207,743	
1988	3,980,110	513,015	3,467,095	
1989	7,682,087	3,042,588	4,639,499	
1990	5,333,548	443,624	4,889,924	
1991	5,731,040	573,373	5,157,667	
1992	4,286,585	146,986	4,139,599	
1993	3,911,931	71,850	3,840,081	
1994	4,822,147	888,763	3,933,384	
1995	4,524,336	481,500	4,042,836	
1996	8,589,528	3,623,724	4,965,804	
1997	5,433,562	789,786	4,643,776	
1998	4,860,342	-231,240	5,091,582	
1999	8,718,195	3,267,286	5,450,909	
2000	6,821,788	902,509	5,919,279	
2001	5,899,608	-103,542	6,003,150	
2002	6,344,009	982,997	5,361,012	
2003	5,511,410	143,336	5,368,074	
2004	5,466,229	34,423	5,431,806	
2005	4,918,264	95,357	4,822,907	
2006	6,563,043	2,069,984	4,493,059	
2007	4,759,658	72,841	4,686,817	
	· · ·	\$18,940,387	\$108,119,386	

25 Year Aggregate Average 17.5 % Selected Catastrophe Provision 17.5 %

Summary of Expense Provisions

Liability Expense Provision

	•				Uninsured / Underinsured
	Percent Fixed	Bodily Injury	Property Damage	Medical	Motorist
Commissions	0 %	12.2 %	12.2 %	12.2 %	12.2 %
Taxes †	0	3.0	3.0	3.0	3.0
Licenses and Fees	100	0.0	0.0	0.0	0.0
Other Acquisition	100	4.6	4.6	4.6	4.6
General Expense	100	4.9	4.9	4.9	4.9
Debt Provision	0	1.24	1.24	1.24	1.24
Profit Provision	0	9.90	9.90	9.90	9.90

Physical Damage Expense Provision

	Percent Fixed	Collision	Comprehensive
Commissions	0 %	12.2 %	12.2 %
Taxes †	0	3.0	3.0
Licenses and Fees	100	0.1	0.1
Other Acquisition	100	4.6	4.6
General Expense	100	5.1	5.1
Debt Provision	0	1.24	1.24
Profit Provision	0	11.36	11.36

[†] State Taxes - Does not include Federal Income Tax

ALLSTATE INSURANCE GROUP*

PRIVATE PASSENGER AUTOMOBILE INSURANCE Countrywide Expense Experience For General Expenses 2005, 2006, 2007

		Auton	nobile	Liability Insu	
		2005		2006	2007
Direct Premiums Earned	\$	9,091,997	\$	9,196,291	\$ 9,105,512
2. General Expense Incurred		452,876		498,626	455,027
3. Ratio (2) / (1)		0.0498		0.0542	0.0500
4. Three Year Average					0.0513
5. Proposed Provision**					0.049
	-	······································	Phys	sical Damage	
Direct Premiums Earned	s	2005 6,823,520	\$	2006 7,046,820	2007 \$ 7,209,615
1. Direct Fernand Lamed	•	0,020,02.0	Ψ	7,010,020	4 7,200,010
2. General Expense Incurred		358,539		372,663	383,407
3. Ratio (2) / (1)		0.0525		0.0529	0.0532
4. Three Year Average					0.0529
5. Proposed Provision**					0.051

^{*} Allstate Insurance Company, Allstate Indemnity Company, Allstate Property and Casualty Insurance Company, Allstate Fire and Casualty Insurance Company and Allstate County Mutual.

^{**} Adjusted to account for reduction in workforce (000 Omitted)

ALLSTATE INSURANCE GROUP*

PRIVATE PASSENGER AUTOMOBILE INSURANCE Countrywide Expense Experience For Other Acquisition Expenses 2005, 2006, 2007

		Automobile Liability Insurance			
		2005		2006	2007
Direct Premiums Earned	\$	9,091,997	\$	9,196,291	\$ 9,105,512
Other Acquisition Expense Incurred		460,293		504,059	568,635
3. Ratio (2) / (1)		0.0506		0.0548	0.0624
4. Three Year Average					0.0559
5. Adjusted Three Year Average**					0.0463
6. Proposed Provision					0,046
	Automobile Physical Damage Insurance				
		2005	e Phy:	2006	2007
1. Direct Premiums Earned	\$	6,823,520	\$	7,046,820	\$ 7,209,615
Other Acquisition Expense Incurred		349,801		389,038	450,915
3. Ratio (2) / (1)		0.0513		0.0552	0.0625
4. Three Year Average					0.0563
5. Adjusted Three Year Average**					0.0462
6. Proposed Provision					0.046

^{*} Allstate Insurance Company, Allstate Indemnity Company, Allstate Property and Casualty Insurance Company, Allstate Fire and Casualty Insurance Company and Allstate County Mutual.

(000 Omitted)

^{**}Reduced by 1.27% for Liability and 1.32% for Physical Damage to reflect the amount of Installment Fees collected for Allstate Insurance Group and includes a 0.31% provision for Allstate Property & Casualty Insurance Company premiums written off.

ALLSTATE INSURANCE GROUP COUNTRYWIDE CALULATION OF ANNUAL FIXED EXPENSE TREND

(A). General and Other Acquisition Expenses

(- ~).		<u> </u>	
	(1)	% of Other Acquistion and General Expenses used for Salaries and Employee Relations & Welfare - Allstate Insurance Group, 2007	39.7%
	(2)	Employment Cost Index - Insurance Carriers, Agents, Brokers, and Services - (selected annual change ending 12/31/07) U.S. Department of Labor	3.0%
	(3)	% of Other Acquisition and General Expenses not used for Salaries and Employee Relations & Welfare - Allstate Insurance Group, 2007.	60.3%
	(4)	Consumer Price Index, All Items - (selected annual change ending 12/31/07)	3.0%
	(5)	Annual General and Other Acquisition Trend - $[(1) \times (2)] + [(3) \times (4)]$	3.0%
(B).	Licenses	and Fees	
	(6)	Annual Licenses and Fees Trend	0.0%
(C)	Total Fix	ed Expenses	
	(7)	Proportion of Fixed Expenses - General and Other Acquisition	97.3%
	(8)	Annual General and Other Acquisition Trend	3.0%
	(9)	Proportion of Fixed Expenses - Licenses and Fees	2.7%
	(10)	Annual Licenses and Fees Trend	0.0%
	(11)	Annual Fixed Expense Trend - $[(7)*(8) + (9)*(10)]$	2.9%

Factor to Adjust for Subsequent Change in Fixed Expense (For calendar years 2005-2007.)

1) Average Earned Date of Experience Period	6/30/2006
2) Average Earned Date of Proposed Policy Period	12/30/2009
3) Number of Years from (1) to (2)	3.501
4) Selected Annual Impact	2.90 %
5) Factor to Adjust for Subsequent Change in Fixed Expense [1.0 + (4)] ^ (3)	1.105

ALLSTATE PROPERTY & CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO - LIABILITY

Arkansas

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 1.95%* force of interest, given an Operating Profit of 7.62% and six month Policy Terms

Years From Start of Policy Year 1 2 3 4 5 6 Subsequent Total	Arkansas Cumulative Percent of Losses Paid 37.8% 81.2% 89.7% 95.1% 96.2% 99.0% 100.0%	Arkansas Yearly Percent of Losses Paid 37.8% 43.4% 8.5% 5.4% 1.1% 2.8% 1.0%	Time from Start of Policy Year 0.68 1.39 2.46 3.47 4.46 5.46 7.45	Discounted ** to avg time of profit @ 1.95% 1.0014 0.9876 0.9672 0.9483 0.9303 0.9122 0.8776	Discounted Payments 37.85% 42.86% 8.22% 5.12% 1.02% 2.55% 0.88%
Expected Losses	and Loss Expense	Ratio			64.16%
Present Value of	f Loss and Loss Ex	pense Payments			63.20%
Taxes, Licenses	and Fees	3.00%	0.70	1.0010	3.00%
Commissions		12.20%	0.58	1.0033	12.24%
Other Acquisition		4.60%	0.56	1.0037	4.62%
General Expense	е	4.90%	0.63	1.0023	4.91%
Debt Provision		1.24%	0.75	1.0000	1.24%
Profit		9.90%	0.75	1.0000	9.90%
Total Present Va	alue of Outgo				99.11%
Premiums		100.0%	0.60	1.0029	100.29%
Difference, Pres Less Present Va	ent Value of Incom lue of Outgo	ne			1.18%

^{*}Discount rate from Investments Department forecast

^{**}exp (0.0195 x (timing of profit being earned - timing of cash flow))

ALLSTATE PROPERTY & CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO - PHYSICAL DAMAGE

Arkansas

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 1.95%* force of interest, given an Operating Profit of 7.62% and six month Policy Terms

	Arkansas	Arkansas	Time	Discounted **	
Years From	Cumulative	Yearly	from Start	to avg time	T3: . 1
Start of	Percent of	Percent of	of Policy	of profit @	Discounted
Policy Year	Losses Paid	Losses Paid	Year	1.95%	Payments
1	72.8%	72.8%	0.63	1.0023	72.97%
2	100.0%	27.2%	1.15	0.9922	26.99%
3	100.1%	0.1%	2.30	0.9703	0.10%
4	100.1%	0.0%	3.30	0.9514	0.00%
5	100.0%	-0.1%	4.36	0.9320	-0.09%
6	100.0%	0.0%	5.67	0.9085	0.00%
Subsequent	100.0%	0.0%	7.41	0.8782	0.00%
Total		100.0%			99.97%
Expected Losses	and Loss Expense	Ratio			62.40%
Present Value of	Loss and Loss Ex	pense Payments			62.38%
Taxes, Licenses a	and Fees	3.10%	0.70	1.0010	3.10%
Commissions	aiu i 005	12.20%	0.58	1.0033	12.24%
Other Acquisition	n	4.60%	0.56	1.0037	4.62%
General Expense	ı	5.10%	0.63	1.0023	5.11%
Debt Provision		1.24%	0.75	1.0000	1.24%
Profit	•	11.36%	0.75	1.0000	11.36%
Total Present Val	ue of Outgo				100.05%
Premiums		100.0%	0.60	1.0029	100.29%
Difference, Prese Less Present Valu	nt Value of Incom ue of Outgo	ne .			0.24%

^{*}Discount rate from Investments Department forecast

^{*}exp (0.0195 x (timing of profit being earned - timing of cash flow))

Calculation of Premium Trend Factor

Coverage	Selected Ann Premium Impa Projected	
Bodily Injury	-3.00	%
Property Damage	-3.00	
Medical	-5.00	
Uninsured / Underinsured Motorist	0.50	
Collision	2.00	
Comprehensive	1.00	
	Current Year	
1)Average Earned Date of Proposed Policy Period	12/30/2009	
2) Mid-Point of Current Year's Experience Period	9/30/2007	
3) Experience Period Ended	3/31/2008	
4) Midpoint of Experience Period	9/30/2007	
5) Historical: Number of Years from (4) to (2)	0.000	
6) Projected: Number of Years from (2) to (1)	2.249	

Calculation of Trend Factors

Factors to Adjust to Projected Premium Level are the Annual Projected Impacts plus unity compounded for the number of years in (6)

APPENDIX A 36-POINT PURE PREMIUM TRENDS

Loss Trends - Pure Premium Bodily Injury

Exponential Curve of Best Fit

		***************************************	····
	Actual Paid Pure	;	
Year Ending	Premium	Annual Change	36 pt.
09/99	\$77.61		\$75.37
12/99	72.41		75.75
03/00	76.93	-	76.12
06/00	79.55		76.50
09/00	73.31	-5.54	76.88
12/00	74.43	2.79	77.26
03/01	70.29	-8.63	77.64
06/01	74.31	-6.59	78.03
09/01	78.33	6.85	78.42
12/01	81.87	10.00	78.80
03/02	80.57	14.63	79.20
06/02	75.98	2.25	79.59
09/02	80.10	2.26	79.98
12/02	79.35	-3.08	80.38
03/03	83.26	3.34	80.78
06/03	90.97	19.73	81.18
09/03	90.00	12.36	81.58
12/03	85.82	8.15	81.99
03/04	87.80	5.45	82.39
06/04	84.71	-6.88	82.80
09/04	78.10	-13.22	83.21
12/04	81.08	-5.52	83.63
03/05	80.93	-7.82	84.04
06/05	83.53	-1.39	84.46
09/05	89.70	14.85	84.88
12/05	87.12	7.45	85.30
03/06	89.26	10.29	85.72
06/06	86.34	3.36	86.15
09/06	86.48	-3.59	86.57
12/06	88.81	1.94	87.00
03/07	84.03	-5.86	87,43
06/07	83.90	-2.83	87.87
09/07	80.66	-6.73	88.30
12/07	88.98	0.19	88.74
03/08	90.75	8.00	89.18
06/08	88.67	5.69	89.62
Re	gression		36 pt.

Loss Trends - Pure Premium Property Damage

			Exponential Curve of Best Fit
	Actual Paid Pure	•	
Year Ending	Premium	Annual Change	36 pt.
09/99	\$79.21	***************************************	\$79.36
12/99	78.40		79.41
03/00	79,14		79.47
06/00	76.40		79.52
09/00	75.17	-5.10	79.57
12/00	75.59	-3.58	79.63
03/01	78.39	-0.95	79.68
06/01	80.50	5.37	79.74
09/01	82.10	9.22	79.79
12/01	83.34	10.25	79.85
03/02	81.38	3.81	79.90
06/02	80.58	0.10	79.96
09/02	81.78	-0.39	80.01
12/02	83.25	-0.11	80.07
03/03	83,54	2.65	80.12
06/03	82.58	2.48	80.18
09/03	82,84	1.30	80.23
12/03	81.09	-2.59	80.29
03/04	82.53	-1.21	80.34
06/04	85.16	3.12	80.40
09/04	80.65	-2.64	80.45
12/04	79.85	-1.53	80.51
03/05	79.98	-3.09	80.56
06/05	76.36	-10.33	80.62
09/05	77.21	-4.27	80.67
12/05	78.10	-2.19	80.73
03/06	76.68	-4.13	80.78
06/06	79.84	4.56	80.84
09/06	82.68	7.08	80.89
12/06	81.86	4.81	80.95
03/07	82.15	7.13	81.00
06/07	79.34	-0.63	81.06
09/07	79.34 79.70	-3.60	81.11
12/07	80.28	-1.93	81.17
03/08	81.39	-0.93	81.22
06/08	83.59	5.36	81.28

36 pt.

Regression

Loss Trends - Pure Premium Medical

Exponential Curve of
Best Fit

	· ·	<u></u>	Best Fit
	Actual Paid Pure		
Year Ending	Premium	Annual Change	36 pt.
09/99	\$19.47		\$19.63
12/99	20.31		19.81
03/00	18.92		19.99
06/00	18,33		20.18
09/00	18,11	-6.99	20.37
12/00	17.64	-13.15	20.56
03/01	19.73	4.28	20,75
06/01	21.52	17.40	20.94
09/01	20.90	15.41	21.14.
12/01	20.36	15.42	21.33
03/02	19.15	-2.94	21.53
06/02	16.50	-23.33	21.73
09/02	22.60	8.13	21.94
12/02	24.51	20.38	22.14
03/03	26.08	36.19	22.35
06/03	28.50	72.73	22.55
09/03	25.52	12.92	22.76
12/03	25.52	4.12	22.98
03/04	25.19	-3.41	23.19
06/04	23.39	-17.93	23.41
09/04	27.13	6.31	23.62
12/04	28.86	13.09	23.84
03/05	29.33	16.44	24.07
06/05	30.97	32.41	24.29
09/05	26.92	-0.77	24,52
12/05	23;62	~18.16	24,74
03/06	23.61	-19.50	24,98
06/06	24,14	-22.05	25,21
09/06	24,03	-10.74	25,44
12/06	25.36	7.37	25.68
03/07	24.66	4.45	25.92
06/07	23.55	-2,44	26.16
09/07	23.01	-4,24	26.40
12/07	23.43	-7.61	26.65
03/08	24.43	-0.93	26.90
06/08	25.25	7.22	27.15
Reg	ression		36 pt.

Loss Trends - Pure Premium Uninsured / Underinsured Motorist

Exponential Curve of Best Fit

			Best Fit
	Actual Paid Pure		
Year Ending	Premium	Annual Change	36 pt.
09/99	\$19,69		\$23.01
12/99	23.90		23.08
03/00	24.82	•	23.15
06/00	22.60		23.22
09/00	29.40	49.31	23.29
12/00	28.11	17.62	23.36
03/01	29.44	18.61	23.42
06/01	30.14	33.36	23.49
09/01	26.41	-10.17	23.56
12/01	23.83	-15,23	23.63
03/02	22.21	-24.56	23.70
06/02	22.07	-26.78	23.77
09/02	21.55	-18.40	23.84
12/02	21.52	-9.69	23.92
03/03	20,39	-8.19	23.99
06/03	19.74	-10.56	24.06
09/03	19.41	-9.93	24.13
12/03	20.80	-3.35	24.20
03/04	22.04	8.09	24.27
06/04	23.06	16.82	24.34
09/04	22,45	15.66	24.42
12/04	21.91	5.34	24,49
03/05	23.74	7.71	24.56
06/05	22.43	-2.73	24.63
09/05	23.27	3.65	24.71
12/05	24.11	10.04	24.78
03/06	23.43	-1.31	24.85
06/06	25.36	13.06	24.93
09/06	27.94	20.07	25.00
	28.19	16.92	25.08
12/06 03/07	28.19	24.24	25.15
		24.24 19.95	25.23
06/07	30.42		25.30
09/07	29.37	5.12	
12/07	28.18	-0.04	25.38
03/08	26.39	-9.34	25,45
06/08	22.78	-25.12	25.53
, d	egression	,	36 pt.

Loss Trends - Pure Premium Collision

Exponential Curve of				
D Tile				

Year Ending Premium Annual Change 09/99 \$141.41 12/99 143.96 03/00 143.15 06/00 146.46 09/00 146.50 12/00 143.83 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.38 -3.81 09/05 147.61 -4.76			·	Best Fit
09/99 \$141.41 12/99 143.96 03/00 143.15 06/00 146.46 09/00 146.50 3.60 12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93	A	ctual Paid Pure		
09/99 \$141.41 12/99 143.96 03/00 143.15 06/00 146.46 09/00 146.50 3.60 12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.34 3.82 09/04 156.34 3.82 09/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 154.83 4.89 12/06 154.83 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23	ling	Premium	Annual Change	36 pt.
03/00 06/00 146.46 09/00 146.50 3.60 12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 156.34 3.82 09/04 156.34 3.82 09/04 156.34 3.82 09/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 154.83 4.89 12/06 154.83 3.87 09/07 156.13 0.84 12/07 161.09 4.25 03/08 161.09 4.25 03/08 164.39 4.23				\$148.17
06/00 146.46 09/00 146.50 3.60 12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 154.83 4.89		143.96		148.47
09/00 146.50 3.60 12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83		143.15		148.76
12/00 143.83 -0.09 03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 154.83 4.89 12/06 154.83 4.89 12/06 154.83		146.46		149.06
03/01 154.44 7.89 06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.39 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 156.13		146.50	3.60	149.36
06/01 153.90 5.08 09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.83 3.07 03/07 156.13 0.84 12/07 161.09		143.83	-0.09	149.65
09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.83 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13		154.44	7.89	149.95
09/01 159.42 8.82 12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.34 3.82 09/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13		153.90	5.08	150.25
12/01 164.55 14.41 03/02 158.18 2.42 06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09		159,42	8.82	150.55
06/02 158.33 2.88 09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		164.55	14.41	150.85
09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		158.18	2.42	151.15
09/02 156.70 -1.71 12/02 149.01 -9.44 03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		158.33	2.88	151.45
03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		156.70	-1.71	151.76
03/03 154.07 -2.60 06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		149.01	-9.44	152.06
06/03 150.59 -4.89 09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		154.07	-2.60	152.36
09/03 152.39 -2.75 12/03 156.34 4.92 03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		150.59	-4.89	152.67
03/04 156.99 1.90 06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23			-2.75	152.97
06/04 156.34 3.82 09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		156.34	4.92	153.27
09/04 154.98 1.70 12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		156.99	1.90	153.58
12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		156.34	3.82	153.89
12/04 155.55 -0.51 03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		154.98	1.70	154.19
03/05 150.68 -4.02 06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		155.55	-0.51	154.50
06/05 150.38 -3.81 09/05 147.61 -4.76 12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		150.68	-4.02	154.81
12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		150.38	-3.81	155.12
12/05 149.93 -3.61 03/06 147.64 -2.02 06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		147.61	-4.76	155.43
06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		149.93	-3.61	155.74
06/06 149.27 -0.74 09/06 154.83 4.89 12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		147.64	-2.02	156.05
12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		149.27	-0.74	156.36
12/06 154.53 3.07 03/07 157.72 6.83 06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		154.83	4.89	156.67
06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		154.53	3.07	156.98
06/07 161.79 8.39 09/07 156.13 0.84 12/07 161.09 4.25 03/08 164.39 4.23		157.72	6.83	157.30
12/07 161.09 4.25 03/08 164.39 4.23			8.39	157.61
12/07 161.09 4.25 03/08 164.39 4.23			0.84	157.92
03/08 164.39 4.23				158.24
	,			158.55
		164.65	1.77	158.87
Regression				36 pt.

Loss Trends - Pure Premium Comprehensive

Exponential Curve of Best Fit

			Best Fit				
Actual Paid Pure							
Year Ending	Premium	Annual Change	36 pt.				
09/99	\$67.01		\$76.54				
12/99	67.32		75.74				
03/00	67.09		74.94				
06/00	68.68		74.15				
09/00	70.72	5.54	73.38				
12/00	72,08	7.07	72.60				
03/01	75.43	12.43	71.84				
06/01	83.37	21.39	71.09				
09/01	81.77	15.63	70.34				
12/01	80.75	12.03	69.60				
03/02	74.48	-1.26	68.87				
06/02	68.46	-17.88	68.15				
09/02	66.76	-18.36	67.43				
12/02	65.05	-19.44	66.72				
03/03	64.77	-13.04	66.02				
06/03	65.61	-4.16	65.33				
09/03	66.94	0.27	64.64				
12/03	66.94	2.91	63.96				
03/04	67.30	3.91	63.29				
06/04	67,25	2.50	62.63				
09/04	62.16	-7.14	61.97				
12/04	61.93	-7.48	61.32				
03/05	62,44	-7.22	60.67				
06/05	57.12	-15,06	60.03				
09/05	56,99	-8.32	59.40				
12/05	58.85	-4.97	58.78				
03/06	54,47	-12.76	58.16				
06/06	57,27	0.26	57.55				
09/06	55.96	-1.81	56.95				
12/06	54.50	-7.39	56.35				
03/07	54.54	0.13	55.76				
06/07	49.75	-13.13	55.17				
09/07	50.00	-10.65	54.59				
12/07	51.72	-5.10	54.02				
03/08	53.40	-2.09	53.45				
06/08	61.85	24.32	52.89				
Re	gression		36 pt.				

APPENDIX B LOSS TRENDS

Loss Trends - Frequency Bodily Injury

			Expone	ential Curve of Be	st Fit
Year Ending	Actual Paid Frequency	Annual Change	24 pt.	12 pt.	6 pt.
09/02	1.0189 %	-0.68 %	1.1446 %		
12/02	1.0712	2,82	1.1375		
03/03	1,0984	6.99	1.1304		
06/03	1.1332	13.84	1.1233		
09/03	1.1641	14.25	1.1163		
12/03	1.1140	4.00	1.1093		
03/04	1.1371	3.52	1.1024		
06/04	1,1752	3.71	1.0955		
09/04	1.1237	-3.47	1.0887		
12/04	1.0895	-2.20	1.0819		
03/05	1.1145	-1.99	1.0751		
06/05	1.0890	-7.33	1.0684		
09/05	1.1013	-1.99	1.0618	1.0941 %	
12/05	1.1081	1.71	1.0551	1.0806	
03/06	1.0520	-5.61	1.0485	1.0673	
06/06	1.0103	-7.23	1.0420	1.0542	
09/06	1.0016	-9.05	1.0355	1.0412	
12/06	1.0193	-8.01	1.0290	1.0283	
03/07	1.0252	-2.55	1,0226	1.0157	1.0714 %
06/07	1.0757	6.47	1.0162	1.0032	1.0409
09/07	1.0229	2.13	1.0099	.9908	1.0112
12/07	1.0038	-1.52	1.0036	.9786	.9824
03/08	.9653	-5.84	.9973	.9665	.9544
06/08	.8970	-16.61	.9911	.9546	.9272
Regre	ssion		24 pt.	12 pt.	6 pt.
Annual Percent Change Based on Best Fit			-2.47 %	-4.84 %	-10.92 %

Loss Trends - Severity Bodily Injury

ll Paid erity Annual Cl 62.00 2.97 08.00 -5.73 79.00 -3.43 28.00 5.17 31.00 -1.67 04.00 4.00 21.00 1.87 08.00 -10.2 50.00 -10.10 42.00 -3.44	7 % \$7,278.00 7 7,339.00 7 7,401.00 7 7,463.00 7 7,526.00 7 7,589.00 7 7,653.00 7,717.00	12 pt.	6 pt.
52.00 2.97 08.00 -5.77 79.00 -3.47 28.00 5.17 31.00 -1.67 04.00 4.00 21.00 1.87 08.00 -10.2	7 % \$7,278.00 7 7,339.00 7 7,401.00 7 7,463.00 7 7,526.00 7 7,589.00 7 7,653.00 7,717.00	12 pt.	6 pt.
08.00 -5.73 79.00 -3.43 28.00 5.13 31.00 -1.66 04.00 4.00 21.00 1.87 08.00 -10.2	7,339.00 7,401.00 7,463.00 7,526.00 7,589.00 7,7653.00 7,717.00		
79.00 -3.4; 28.00 5.1° 31.00 -1.6° 04.00 4.00 21.00 1.8° 08.00 -10.2 50.00 -10.16	7,401.00 7,463.00 7,526.00 7,589.00 7,653.00 7,717.00		
28.00 5.1° 31.00 -1.6° 04.00 4.00 21.00 1.8° 08.00 -10.2 50.00 -10.10	7,463.00 7,526.00 7,589.00 7,653.00 7,717.00		
31.00 -1.6' 04.00 4.00 21.00 1.8' 08.00 -10.2 50.00 -10.10	7 7,526.00 7,589.00 7 7,653.00 7,717.00		
04.00 4.00 21.00 1.8° 08.00 -10.2 50,00 -10.10	7,589.00 7,653.00 7,717.00		
21.00 1.8° 08.00 -10.2 50.00 -10.10	7 7,653.00 1 7,717.00		
08.00 -10.2 50.00 -10.10	7,717.00		
50.00 -10.10			
	7 782 00		
42.00 -3.40	· · · · · · · · · · · · · · · · · · ·		
	7,847.00		
61.00 -5.96	•		
70.00 6.4	7,979.00		
45.00 17.19	8,046.00	•	
62.00 5.64	8,114.00	8,086.00	
85.00 16.80	8,182.00	8,179.00	
		8,273.00	
34.00 6.00	8,320.00	8,369.00	
14.00 10.84	8,390.00	8,465.00	
96.00 -3.4	1 8,460.00	8,563.00	\$7,697.0
99.008.73	8,531.00	8,661.00	8,060.0
86.00 +8.6	8,603.00	8,761.00	8,440.0
64.00 1.77	2 8,675.00	8,862.00	8,839.0
00,00 14.69	9 8,748.00	8,964.00	9,256.0
85.00 26.7	5 8,822.00	9,067.00	9,693.0
	24 pt.	12 pt.	6 pt.
	45.00 17.19 62.00 5.64 85.00 16.86 45.00 11.41 34.00 6.00 14.00 10.84 96.00 -3.4 99.00 -8.7 86.00 -8.66 64.00 1.77 00.00 14.69	45.00 17.19 8,046.00 62.00 5.64 8,114.00 85.00 16.86 8,182.00 45.00 11.41 8,251.00 34.00 6.00 8,320.00 14.00 10.84 8,390.00 96.00 -3.41 8,460.00 99.00 -8.73 8,531.00 86.00 -8.66 8,603.00 64.00 1.72 8,675.00 00.00 14.69 8,748.00 85.00 26.75 8,822.00	45.00 17.19 8,046.00 \$7,994.00 62.00 5.64 8,114.00 8,086.00 85.00 16.86 8,182.00 8,179.00 45.00 11.41 8,251.00 8,273.00 34.00 6.00 8,320.00 8,369.00 14.00 10.84 8,390.00 8,465.00 96.00 -3.41 8,460.00 8,563.00 99.00 -8.73 8,531.00 8,661.00 86.00 -8.66 8,603.00 8,761.00 64.00 1.72 8,675.00 8,862.00 00.00 14.69 8,748.00 8,964.00 85.00 26.75 8,822.00 9,067.00

Loss Trends - Pure Premium Bodily Injury

Actual Paid Pure Premium Annual Change 24 pt. 12 pt. 6 pt. \$80.10 2.26 % \$83.31 \$83.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.48 \$3.66 \$90.97 \$1.973 \$3.83 \$3.83 \$90.00 \$12.36 \$4.01 \$3.82 \$3.83 \$90.00 \$12.36 \$4.01 \$4.01 \$4.02
\$80.10 2.26 % \$83.31 79.35 -3.08 83.48 83.26 3.34 83.66 90.97 19.73 83.83 90.00 12.36 84.01 85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.47 83.90 -2.83 86.84 86.81 85.33 88.98 90.75 80.00 87.25 86.65
79.35 -3.08 83.48 83.26 3.34 83.66 90.97 19.73 83.83 90.00 12.36 84.01 85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.47 83.90 -2.83 86.70 86.89 83.90 80.66 -6.73 86.88 86.81 85.33 80.66 -6.73 86.88 86.81 85.33 80
83.26 3.34 83.66 90.97 19.73 83.83 90.00 12.36 84.01 85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.99 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3<
90.97 19.73 83.83 90.00 12.36 84.01 85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8
90.00 12.36 84.01 85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
85.82 8.15 84.19 87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
87.80 5.45 84.36 84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
84.71 -6.88 84.54 78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
78.10 -13.22 84.72 81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
81.08 -5.52 84.90 80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
80.93 -7.82 85.08 83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
83.53 -1.39 85.25 89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 89.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
89.70 14.85 85.43 \$87.46 87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
87.12 7.45 85.61 87.38 89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
89.26 10.29 85.79 87.30 86.34 3.36 85.97 87.22 86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
86.48 -3.59 86.16 87.13 88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
88.81 1.94 86.34 87.05 84.03 -5.86 86.52 86.97 \$82.4 83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
83.90 -2.83 86.70 86.89 83.9 80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
80.66 -6.73 86.88 86.81 85.3 88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
88.98 0.19 87.07 86.73 86.8 90.75 8.00 87.25 86.65 88.3
90,75 8.00 87.25 86.65 88.3
Regression 24 pt. 12 pt. 6 pt.
Regression 24 pt.

Loss Trends - Frequency Property Damage

				ential Curve of Bes	~~ ~ ~~
Year Ending	Actual Paid Frequency	Annual Change	24 pt.	12 pt.	6 pt.
09/02	3.3877 %	-5.52 %	3.4243 %		
12/02	3.3547	-8.81	3.4043		
03/03	3.3361	-5.91	3.3845		
06/03	3.3506	-2.91	3.3647		
09/03	3.3821	-0.17	3.3451		
12/03	3.2644	-2.69	3.3256		
03/04	3.3203	-0.47	3.3062		
06/04	3,3694	0.56	3.2869		
09/04	3.3020	-2.37	3.2678		
12/04	3.3509	2.65	3.2487		
03/05	3.3184	-0.06	3.2298		
06/05	3.2092	-4.75	3.2110		
09/05	3.1911	-3.36	3.1922	3.1714 %	
12/05	3.1633	-5.60	3.1736	3.1545	
03/06	3.1127	-6.20	3.1551	3.1377	
06/06	3.1401	-2.15	3.1367	3.1210	
09/06	3.1030	-2.76	3.1184	3.1043	
12/06	3.0716	-2.90	3.1003	3.0878	
03/07	3.0587	-1.73	3.0822	3.0713	3.0552 %
06/07	3.0373	-3.27	3.0642	3.0550	3.0451
09/07	3.0204	-2.66	3.0463	3.0387	3.0349
12/07	3.0427	-0.94	3.0286	3.0225	3.0248
03/08	3.0365	-0.73	3.0109	3.0064	3.0148
06/08	2.9842	-1.75	2.9934	2.9904	3.0047
Regress	sion		24 pt.	12 pt.	6 pt.
Annual Percent Change Based on Best Fit:	3.001		-2.31 %	-2.11 %	-1.33 %

Loss Trends - Severity Property Damage

			Expone	ntial Curve of Bes	st Fit
	Actual Paid				
Year Ending	Severity	Annual Change	24 pt.	12 pt.	6 pt.
09/02	\$2,414.00	5.41 %	\$2,392.00		
12/02	2,482.00	9.58	2,404.00		
03/03	2,504.00	9.11	2,415.00		
06/03	2,465.00	5.57	2,427.00		
09/03	2,449.00	1,45	2,438.00		
12/03	2,484.00	0.08	2,450.00		
03/04	2,486.00	-0.72	2,462.00		
06/04	2,527.00	2,52	2,473.00		
09/04	2,442.00	-0.29	2,485.00		
12/04	2,383.00	-4.07	2,497.00		
03/05	2,410.00	-3.06	2,509.00		
06/05	2,379.00	-5.86	2,521.00		
09/05	2,420.00	-0.90	2,533.00	\$2,460.00	·
12/05	2,469.00	3.61	2,545.00	2,486.00	
03/06	2,463.00	2.20	2,557.00	2,512.00	
06/06	2,542.00	6.85	2,569.00	2,538.00	
09/06	2,665.00	10.12	2,582.00	2,564.00	
12/06	2,665.00	7.94	2,594.00	2,591.00	
03/07	2,686.00	9.05	2,606.00	2,618.00	\$2,621.00
06/07	2,612.00	2.75	2,619.00	2,645.00	2,643.00
09/07	2,639.00	-0.98	2,631.00	2,673.00	2,665.00
12/07	2,639.00	-0,98	2,644.00	2,701.00	2,687.00
03/08	2,681.00	-0.19	2,657.00	2,729.00	2,709.00
06/08	2,801.00	7.24	2,669.00	2,758.00	2,731.00
Regressi	on		24 pt.	12 pt.	6 pt.
	O11			-	
Avg Annual Percent Change Based on Best Fit:			1.92 %	4.24 %	3.34 %
State Credibility based on 3,703 Paid Claims In Year Ending 6/2008:			59 %	59 %	59 %

Loss Trends - Pure Premium Property Damage

			Exponen	tial Curve of Bes	t Fit
	Actual Paid Pure	9			
Year Ending	Premium	Annual Change	24 pt.	12 pt.	6 pt.
09/02	\$81.78	-0.39 %	\$81.92		
12/02	83.25	-0.11	81.83		
03/03	83.54	2.65	81.74		
06/03	82.58	2.48	81.65		
09/03	82.84	1.30	81.57		
12/03	81.09	-2.59	81.48		
03/04	82.53	-1.21	81.39		
06/04	85.16	3.12	81.30		
09/04	80.65	-2.64	81.21		
12/04	79.85	-1.53	81.12		
03/05	79.98	-3.09	81.04		
06/05	76.36	-10.33	80.95		
09/05	77.21	-4.27	80.86	\$78.02	
12/05	78.10	-2.19	80.77	78.41	
03/06	76.68	-4.13	80.68	78.81	
06/06	79.84	4.56	80.60	79.21	
09/06	82.68	7.08	80.51	79.61	
12/06	81.86	4.81	80.42	80.01	
03/07	82.15	7.13	80.33	80.41	\$80.0
06/07	79.34	-0.63	80.25	80.81	80.4
09/07	79.70	-3.60	80.16	81.22	80.8
12/07	80.28	-1.93	80.07	81.63	81.2
03/08	81.39	-0.93	79.99	82.04	81.6
06/08	83.59	5.36	79.90	82.45	82.0
Роско	occion		24 nt.	12 pt.	6 pt.
Regre	ession		24 pt.	12 pt.	6
g Annual Percent Change Based on Best Fi	t:		-0.43 %	2.03 %	1.97 %
ate Credibility based on 3,703 Paid Claims Year Ending 6/2008:			59 %	59 %	59 %

Loss Trends - Frequency Medical

			Expone	ential Curve of Bes	st Fit
Year Ending	Actual Paid Frequency	Annual Change	24 pt.	12 pt.	6 pt.
09/02	.8482 %	-8.38 %	1.0468 %		
12/02	1.0010	11.99	1.0341		
03/03	1.0296	22.57	1.0215		
06/03	1.0785	43.51	1.0091		
09/03	1.0636	25.39	.9969		
12/03	1.0020	0.10	.9848		
03/04	.9417	-8.54	.9729		
06/04	.9456	-12.32	.9611		
09/04	.8953	-15.82	.9494		
12/04	.9712	-3.07	.9379		
03/05	1.0101	7.26	.9265		
06/05	1.0214	8.02	.9153		
09/05	1.0485	17.11	.9042	.9545 %	
12/05	.9305	-4.19	.8932	.9331	
03/06	.8734	-13.53	.8824	.9123	
06/06	.8946	-12,41	.8717	.8919	
09/06	.8304	-20,80	.8611	.8720	
12/06	.8265	-11.18	.8507	.8525	
03/07	.8619	-1.32	.8404	.8334	.8159 %
06/07	.7782	-13.01	.8302	.8148	.8060
09/07	.7797	-6.11	.8201	.7966	.7963
12/07	.7717	-6.63	.8102	.7788	.7867
03/08	.7525	-12.69	.8003	.7614	.7772
06/08	.8095	4.02	.7906	.7444	.7678
Res	gression		24 pt.	12 pt.	6 pt.
g Annual Percent Change Based on Best			-4.76 %	-8.64 %	-4.74 %

Loss Trends - Severity Medical

			Expone	ntial Curve of Be	st Fit
	Actual Paid				
Year Ending	Severity	Annual Change	24 pt.	12 pt.	6 pt.
09/02	\$2,665.00	18.08 %	\$2,506.00		
12/02	2,448.00	7.46	2,529.00		
03/03	2,533.00	11.15	2,552.00		
06/03	2,643.00	20.36	2,576.00		
09/03	2,400.00	-9.94	2,599.00		
12/03	2,547.00	4.04	2,623.00		
03/04	2,675.00	5.61	2,647.00		
06/04	2,474.00	-6.39	2,671.00		
09/04	3,030.00	26.25	2,696.00		
12/04	2,972.00	16.69	2,720.00		
03/05	2,904.00	8.56	2,745.00		
06/05	3,032.00	22.55	2,770.00		
09/05	2,568.00	-15.25	2,795.00	\$2,586.00	
12/05	2,539.00	-14.57	2,821.00	2,638.00	
03/06	2,703.00	-6.92	2,847.00	2,691.00	
06/06	2,699.00	-10.98	2,873.00	2,745.00	
09/06	2,894.00	12.69	2,899.00	2,800.00	
12/06	3,069.00	20.87	2,926.00	2,856.00	
03/07	2,861.00	5.85	2,952.00	2,913.00	\$2,896.00
06/07	3,027.00	12.15	2,979.00	2,972.00	2,952.00
09/07	2,951.00	1.97	3,007.00	3,031.00	3,009.00
12/07	3,036.00	-1.08	3,034.00	3,092.00	3,067.00
03/08	3,247.00	13.49	3,062.00	3,154.00	3,126.00
06/08	3,119.00	3.04	3,090.00	3,217.00	3,187.00
Regressi	nn		24 nt	12 nt	6 pt.
Regressi	on		24 pt.	12 pt.	6 pt.
Avg Annual Percent Change Based on Best Fit:			3.71 %	8.26 %	7.97 %
State Credibility based on 703 Paid Claims In Year Ending 6/2008:			27 %	27 %	27 %

Loss Trends - Pure Premium Medical

			Exponen	tial Curve of Bes	st Fit
	Actual Paid Pur	e			
Year Ending	Premium	Annual Change	24 pt.	12 pt.	6 pt.
09/02	\$22,60	8.13 %	\$26,23		
12/02	24,51	20.38	26.15		
03/03	26.08	36.19	26.07		
06/03	28.50	72.73	25.99		
09/03	25.52	12.92	25.91		
12/03	25.52	4.12	25.83		
03/04	25.19	-3.41	25.75		
06/04	23.39	-17.93	25.67		
09/04	27.13	6.31	25.59		
12/04	28.86	13.09	25.51		
03/05	29.33	16.44	25.43		
06/05	30.97	32.41	25.35		
09/05	26.92	-0.77	25.27	\$24.68	
12/05	23.62	-18.16	25.20	24.61	
03/06	23.61	-19.50	25.12	24.55	
06/06	24.14	-22.05	25.04	24.48	
09/06	24.03	-10.74	24.96	24.41	
12/06	25.36	7.37	24.89	24.35	
03/07	24.66	4.45	24.81	24.28	\$23.62
06/07	23,55	-2.44	24.73	24.21	23.79
09/07	23.01	-4.24	24.65	24.15	23.96
12/07	23.43	-7.61	24.58	24.08	24.13
03/08	24.43	-0.93	24.50	24.01	24.30
06/08	25.25	7.22	24.43	23.95	24,47
Радгасс	ion		24 nt	12.pt.	6 pt.
Regress	ion		24 pt.	12 pt.	6 pt.
Avg Annual Percent Change Based on Best Fit:			-1.23 %	-1.09 %	2.86 %
State Credibility based on 703 Paid Claims In Year Ending 6/2008:			27 %	27 %	27 %

Loss Trends - Frequency Uninsured / Underinsured Motorist

			Expone	ential Curve of Bes	st Fit
	Actual Paid			1.2 ··· t	6 m+
Year Ending	Frequency	Annual Change	24 pt.	12 pt.	6 pt.
09/02	.6710 %	-6.88 %	.6999 %		
12/02	.6856	-2.25	.7084		
03/03	.6986	2.99	.7170		
06/03	.7408	12.65	.7256		
09/03	.7618	13.53	.7344		
12/03	.7446	8.61	.7433		
03/04	.7669	9.78	.7523		
06/04	.7762	4.78	.7614		
09/04	.8012	5.17	.7706		
12/04	.8349	12.13	.7799		
03/05	.8457	10.28	.7893		
06/05	.8169	5.24	.7988		
09/05	.7841	-2.13	.8085	.7603 %	
12/05	.7483	-10.37	.8183	.7759	
03/06	.7648	-9.57	.8282	.7917	
06/06	.7911	-3.16	.8382	.8079	
09/06	.8377	6.84	.8483	.8244	
12/06	.8626	15.27	.8586	.8412	
03/07	.8595	12.38	.8689	.8584	.8850 %
06/07	.8944	13.06	.8794	.8759	.8933
09/07	.9160	9.35	.8901	.8938	.9017
12/07	.9383	8,78	.9008	.9121	.9102
03/08	.9494	10.46	.9117	.9307	.9187
06/08	.8812	-1.48	.9227	.9497	.9274
Dagr	ession		24 pt.	12 pt.	6 pt.
Regr	ession		24 pt.	12 pt.	6 pt.
g Annual Percent Change Based on Best F	it:		4.92 %	8.42 %	3.82 %
ite Credibility based on 1,092 Paid Claims Year Ending 6/2008:			31 %	31 %	31%

Loss Trends - Severity Uninsured / Underinsured Motorist

24 pt. \$2,858.00 2,867.00 2,877.00 2,886.00 2,996.00 2,915.00 2,925.00 2,935.00 2,945.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00 3,004.00	\$3,287.00 3,254.00 3,221.00	6 pt.
\$2,858.00 2,867.00 2,877.00 2,886.00 2,896.00 2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,945.00 2,964.00 2,964.00 2,974.00 2,984.00 2,984.00 2,994.00	\$3,287.00 3,254.00 3,221.00	о рі.
2,867.00 2,877.00 2,886.00 2,896.00 2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,946.00 2,964.00 2,974.00 2,984.00 2,984.00	3,254.00 3,221.00	
2,877.00 2,886.00 2,896.00 2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,984.00	3,254.00 3,221.00	
2,886.00 2,896.00 2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,896.00 2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,906.00 2,915.00 2,925.00 2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,915.00 2,925.00 2,935.00 2,945.00 2,945.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,925.00 2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,935.00 2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,945.00 2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,954.00 2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,964.00 2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,974.00 2,984.00 2,994.00	3,254.00 3,221.00	
2,984.00 2,994.00	3,254.00 3,221.00	
2,994.00	3,221.00	
3.004.00		
	3,189.00	
3,014.00	3,157.00	
3,024.00	3,125.00	
3,034.00	3,093.00	\$3,518.00
3,044.00	3,062.00	3,320.00
3,054.00	3,031.00	3,134.00
3,064.00	3,001.00	2,958.00
3,075.00	2,971.00	2,792.00
3,085.00	2,941.00	2,636.00
24 pt.	12 pt.	6 pt.
	-3.96 %	-20.62 %
	3,054.00 3,064.00 3,075.00 3,085.00 24 pt.	3,054.00 3,031.00 3,064.00 3,001.00 3,075.00 2,971.00 3,085.00 2,941.00 24 pt. 12 pt.

Loss Trends - Pure Premium Uninsured / Underinsured Motorist

			Exponen	tial Curve of Be	st Fit
	Actual Paid Pur	e			
Year Ending	Premium	Annual Change	24 pt.	12 pt.	6 pt.
09/02	\$21.55	-18.40 %	\$20.00		
12/02	21.52	-9.69	20.31		
03/03	20.39	-8.19	20.63		
06/03	19.74	-10.56	20.94		
09/03	19.41	-9.93	21.27		
12/03	20.80	-3.35	21.60	•	
03/04	22.04	8.09	21.93		
06/04	23.06	16.82	22.27		
09/04	22.45	15.66	22.61		
12/04	21.91	5.34	22.96		
03/05	23.74	7.71	23.32	•	
06/05	22.43	-2.73	23.68		
09/05	23.27	3.65	24.05	\$24.99	
12/05	24.11	10.04	24.42	25.24	
03/06	23.43	-1.31	24.79	25.50	
06/06	25.36	13.06	25.18	25.76	
09/06	27.94	20.07	25.57	26.02	
12/06	28.19	16.92	25.96	26.29	
03/07	29.11	24.24	26.36	26.55	\$31.13
06/07	30.42	19.95	26.77	26.82	29.66
09/07	29.37	5.12	27.18	27.10	28.26
12/07	28.18	-0.04	27.60	27.37	26.93
03/08	26.39	-9.34	28.03	27.65	25.65
06/08	22.78	-25.12	28.46	27.93	24.44
		•			C
Regre	ssion		24 pt.	12 pt.	6 pt.
Avg Annual Percent Change Based on Best Fit:			6.33 %	4.13 %	-17.60 %
State Credibility based on 1,092 Paid Claims In Year Ending 6/2008:			31 %	31 %	31 %

Loss Trends - Frequency Collision

			Expone	ential Curve of Bes	tfit
X7 T 3*	Actual Paid	Annual Change	24 pt.	12 pt.	6 pt.
Year Ending	Frequency	-4.51 %	5.2300 %	12 pt.	
09/02	5.5908 %		5.2098		
12/02	5,4071	-10.14	5.1897		
03/03	5.2949	-8.25	5.1697		
06/03	5.2151	-8.22	5.1497		
09/03	5.0711	-9.30 5.63	5.1299		
12/03	5.1027	-5.63	5.1101		
03/04	5.1225	-3.26 -2,89	5.0904		
. 06/04	5.0642		5.0708		
09/04	5.0729	0.04	5.0512		
12/04	5.0035	-1.94	5.0317		
03/05	4.9420	-3.52			
06/05	4.8077	-5.06	5.0123	4.7088 %	
09/05	4.7639	-6.09	4.9930		
12/05	4.7153	-5.76	4.9737	4.7380 4.7673	
03/06	4.6420	-6.07	4.9546	4.7673 4.7969	
06/06	4,7597	-1.00	4.9354		
09/06	4.8306	1.40	4.9164	4.8266	
12/06	4.9182	4.30	4.8975	4.8565	4.9723 %
03/07	4.9337	6.28	4.8786	4.8866	
06/07	5.0028	5.11	4.8598	4.9169	4.9731
09/07	4.9658	2.80	4.8410	4.9473	4.9739
12/07	4.9982	1.63	4.8223	4.9780	4.9747
03/08	5.0292	1.94	4.8037	5.0088	4.9755
06/08	4.9173	-1.71	4.7852	5.0398	4.9763
Regressi	on		24 pt.	12 pt.	6 pt.
g Annual Percent Change Based on Best Fit:			-1.53 %	2.50 %	0.06 %

Loss Trends - Severity Collision

		_	Expone	ntial Curve of Bes	t Fit
Year Ending	Actual Paid Severity	Annual Change	24 pt.	12 pt.	6 pt.
	\$2,803.00	2.94 %	\$2,886.00		
09/02	2,756.00	0.77	2,904.00		
12/02	2,730.00	6.17	2,921.00		
03/03 06/03	2,888.00	3.66	2,939.00		
	3,005.00	7.21	2,956.00		
09/03 12/03	3,064.00	11.18	2,974.00		
	3,065.00	5.33	2,992.00		
03/04	3,087.00	6.89	3,010.00		
06/04	3,055.00	1.66	3,028.00		
09/04	3,109.00	1.47	3,046.00		
12/04	3,049.00	-0.52	3,064.00		
03/05	3,128.00	1.33	3,082.00		
06/05	3,098.00	1.41	3,101.00	\$3,120.00	
09/05	3,180.00	2.28	3,119.00	3,133.00	
12/05	3,181.00	4.33	3,138.00	3,147.00	
03/06	3,136.00	0.26	3,157.00	3,161.00	
06/06	3,205.00	3.45	3,176.00	3,175.00	
09/06	3,142.00	-1.19	3,195.00	3,189.00	
12/06	3,197.00	0.50	3,214.00	3,203.00	\$3,169.00
03/07	3,234.00	3.13	3,233.00	3,217.00	3,196.00
06/07	3,144.00	-1.90	3,253.00	3,231.00	3,222.00
09/07	3,223.00	2.58	3,272.00	3,245.00	3,249.00
12/07	3,269.00	2.25	3,292.00	3,259.00	3,275.00
03/08 06/08	3,348.00	3.53	3,311.00	3,274.00	3,302.00
Regres	sion		24 pt.	12 pt.	6 pt.
Avg Annual Percent Change Based on Best Fit:			2.42 %	1.77 %	3.34 %
State Credibility based on 4,161 Paid Claims In Year Ending 6/2008:			62 %	62 %	62 %

Loss Trends - Pure Premium Collision

Pure Annual Change -1.71 % -9.44 -2.60 -4.89 -2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	24 pt. \$150.95 151.27 151.59 151.91 152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	\$146.91 148.46 150.04	6 pt.
-1.71 % -9.44 -2.60 -4.89 -2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	\$150.95 151.27 151.59 151.91 152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15 155.48	\$146,91 148.46	6 pt.
-9.44 -2.60 -4.89 -2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	151.27 151.59 151.91 152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
-2.60 -4.89 -2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	151.59 151.91 152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
-4.89 -2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	151.91 152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
-2.75 4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	152.23 152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
4.92 1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02	152.55 152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
1.90 3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02 -0.74	152.87 153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
3.82 1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02	153.20 153.52 153.85 154.17 154.50 154.82 155.15	148.46	
1.70 -0.51 -4.02 -3.81 -4.76 -3.61 -2.02	153.52 153.85 154.17 154.50 154.82 155.15	148.46	
-0.51 -4.02 -3.81 -4.76 -3.61 -2.02	153.85 154.17 154.50 154.82 155.15 155.48	148.46	
-4.02 -3.81 -4.76 -3.61 -2.02 -0.74	154.17 154.50 154.82 155.15 155.48	148.46	
-3.81 -4.76 -3.61 -2.02 -0.74	154.50 154.82 155.15 155.48	148.46	
-4.76 -3.61 -2.02 -0.74	154.82 155.15 155.48	148.46	
-3.61 -2.02 -0.74	155.15 155.48	148.46	
-2.02 -0.74	155.48		
-0.74		150.04	
	155.81	151.63	
4.89	156.14	153,24	
3.07	156.47	154.86	
6.83	156.80	156.51	\$157.5
8.39	157.13	158.17	158.9
0.84	157.46	159.84	160.2
4,25	157.79	161.54	161.6
4.23	158.13	163.25	162.9
1.77	158.46	164.98	164.3
	24 pt.	12 pt.	6 pt.
	0.85 %	4.31 %	3.42 %
	6.83 8.39 0.84 4.25 4.23	6.83 156.80 8.39 157.13 0.84 157.46 4.25 157.79 4.23 158.13 1.77 158.46	6.83

Loss Trends - Frequency Comprehensive

			Expone	ential Curve of Bes	st Fit
•	Actual Paid				
Year Ending	Frequency	Annual Change	24 pt.	12 pt.	6 pt.
09/02	10.2352 %	-12.66 %	10.1938 %		
12/02	9.9452	-14.19	10.0361		
03/03	9.8901	-10.83	9.8809		
06/03	9.6224	-8.70	9.7281		
09/03	9,6970	-5.26	9.5776		
12/03	9.5232	-4.24	9.4295		
03/04	9.3447	-5.51	9.2837		
06/04	9.3417	-2.92	9.1401		
09/04	8.8354	-8.89	8.9987		
12/04	8.7170	-8.47	8.8596		
03/05	8.7521	-6.34	8.7225		
06/05	8.4934	-9.08	8.5876		
09/05	8.4207	~4.69	8.4548	8.4549 %	
12/05	8.4495	-3.07	8.3241	8.3250	
03/06	8.0697	-7.80	8.1953	8.1970	
06/06	8.1420	-4.14	8.0686	8.0710	
09/06	7.9711	-5.34	7.9438	7.9470	
12/06	7.8709	-6.85	7.8209	7.8248	
03/07	7,8295	-2.98	7.7000	7.7046	7.6253 %
06/07	7.4831	-8.09	7.5809	7.5862	7.5328
09/07	7.2972	-8.45	7.4637	7.4696	7.4414
12/07	7.2357	-8.07	7.3482	7.3548	7.3512
03/08	7.1522	-8.65	7.2346	7.2417	7.2620
06/08	7.3986	-1.13	7.1227	7.1304	7.1739
Darmanie	מי		24 nt	12 pt.	6 pt.
Regressio	n		24 pt.	12 pt.	6 pt.
g Annual Percent Change Based on Best Fit;			-6.04 %	-6.01 %	-4.76 %
te Credibility based on 6,112 Paid Claims Year Ending 6/2008:			77 %	77 %	77 %

Loss Trends - Severity Comprehensive

Paid rity Annual Change 2.00 -6.59 % 4.00 -6.17 5.00 -2.53 . 2.00 4.92 0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	\$668.00 671.00 673.00 676.00 678.00 681.00 683.00 686.00	12 pt.	6 pt.
2.00 -6.59 % 4.00 -6.17 5.00 -2.53 2.00 4.92 0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	\$668.00 671.00 673.00 676.00 678.00 681.00 683.00 686.00	12 pt.	6 pt.
4.00 -6.17 5.00 -2.53 2.00 4.92 0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	671.00 673.00 676.00 678.00 681.00 683.00 686.00		
5.00 -2.53 2.00 4.92 0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	673.00 676.00 678.00 681.00 683.00 686.00		
2.00 4.92 0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	676.00 678.00 681.00 683.00 686.00		
0.00 5.83 3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	678.00 681.00 683.00 686.00		
3.00 7.49 0.00 9.92 0.00 5.57 3.00 1.88	681.00 683.00 686.00		
0.00 9.92 0.00 5.57 3.00 1.88	683.00 686.00		
0.00 5.57 3.00 1.88	686.00		
3.00 1.88			
	600.00		
0.00	689.00		
0.00 1.00	691.00		
3.00 -0.97	694.00		
3.00 -6.53	696.00		
7.00 -3.70	699.00	\$666.00	
6.00 -1.97	702.00	673.00	
5.00 -5.33	704.00	680.00	
3.00 4.46	707.00	688.00	
2.00 3.69	709.00	695.00	
2.00 -0.57	712.00	702.00	
7.00 3.26	715.00	710.00	\$658.0
5.00 -5.41	717.00	718.00	683.0
5.00 -2.42	720.00	725.00	709.0
5.00 3.32	723.00	733.00	736.0
7.00 7.17	726.00	741.00	764.0
6.00 25.71	728.00	749.00	792.0
	24 pt.	12 pt.	6 pt.
	3.00	33.00 -6.53 696.00 77.00 -3.70 699.00 76.00 -1.97 702.00 75.00 -5.33 704.00 73.00 4.46 707.00 72.00 3.69 709.00 77.00 3.26 715.00 75.00 -5.41 717.00 75.00 -2.42 720.00 5.00 3.32 723.00 77.00 7.17 726.00 76.00 25.71 728.00	33.00 -6.53 696.00 77.00 -3.70 699.00 \$666.00 76.00 -1.97 702.00 673.00 75.00 -5.33 704.00 680.00 73.00 4.46 707.00 688.00 72.00 3.69 709.00 695.00 72.00 -0.57 712.00 702.00 77.00 3.26 715.00 710.00 75.00 -5.41 717.00 718.00 75.00 -2.42 720.00 725.00 5.00 3.32 723.00 733.00 77.00 7.17 726.00 741.00 76.00 25.71 728.00 749.00

Loss Trends - Pure Premium Comprehensive

			Exponer	itial Curve of Bes	st Fit
	Actual Paid Pur	e			
Year Ending	Premium	Annual Change	24 pt.	12 pt.	6 pt
09/02	\$66.76	-18.36 %	\$68.14		
12/02	65.05	-19.44	67.34		
03/03	64.77	-13.04	66.54		•
06/03	65.61	-4.16	65.76		
09/03	66.94	0.27	64.98		
12/03	66.94	2.91	64.22		
03/04	67.30	3.91	63.46		
06/04	67.25	2.50	62.71		
09/04	62.16	-7.14	61.97		
12/04	61.93	-7.48	61.24		
03/05	62.44	-7.22	60.52		
06/05	57.12	-15.06	59.80		
09/05	56.99	-8.32	59.10	\$56.30	
12/05	58.85	-4.97	58.40	56.03	
03/06	54.47	-12.76	57.71	55.76	
06/06	57.27	0.26	57.03	55.50	
09/06	55.96	-1.81	56.36	55.23	
12/06	54.50	-7.39	55.70	54.97	
03/07	54,54	0.13	55.04	54.71	\$50.16
06/07	49.75	-13.13	54.39	54.45	51.43
09/07	50.00	-10.65	53.75	54.19	52.73
12/07	51.72	-5.10	53.12	53.93	54,07
03/08	53.40	-2.09	52.49	53.67	55.44
06/08	61.85	24.32	51.87	53.41	56.84
Regressi	on		24 pt.	12 pt.	6 pt.
Kegi essi	OII				
Avg Annual Percent Change Based on Best Fit:			-4.63 %	-1.90 %	10.52 %
State Credibility based on 6,112 Paid Claims In Year Ending 6/2008:			77 %	77 %	77 %
in rear chang 0/2006.			11 70	,,,,	

APPENDIX C PREMIUM TRENDS

Premium Trends Bodily Injury

Exponential Curve of
Best Fit

	Average Written		
Year Ending	Premium @ CRL	Annual Change	6 pt.
12/05	193.68	0.00	
03/06	187.28	0.00	
06/06	184.56	0.00	
09/06	181.37	0.00	
12/06	177.04	-10.78	
03/07	174.92	-8.75	\$174.40
06/07	172.46	-7,91	172.74
09/07	170.72	-6,96	171.10
12/07	169.02	-5.07	169.48
03/08	168.53	-4.33	167.87
06/08	166.23	-4.35	166.28
Re	gression		6 pt.

Avg Annual Percent Change Based on Best Fit:

-3.74%

Premium Trends Property Damage

Exponential Curve of
Best Fit

Year Ending	Average Written Premium @ CRL	Annual Change	6 pt.
12/05	173.39	0.00	
03/06	169.30	0.00	
06/06	166.64	0.00	
09/06	164.24	0.00	
12/06	160.87	-7.56	
03/07	159.06	-6.37	\$158.94
06/07	157.28	-5.82	157.39
09/07	155.92	-5.19	155.86
12/07	154.16	-4.16	154.33
03/08	152.86	-3.70	152.83
06/08	151,41	-3.49	151.34
Re	gression	-	6 pt.

Avg Annual Percent Change Based on Best Fit:

-3.85 %

Premium Trends Medical

Exponential Curve of Best Fit

Year Ending	Average Written Premium @ CRL	Annual Change	6 pt.
12/05	44.24	0.00	
03/06	42.97	0.00	
06/06	41.82	0.00	
09/06	41.06	0.00	
12/06	39.96	-10.08	
03/07	39.50	-8.43	\$39.50
06/07	38.93	-7,13	38.96
09/07	38.48	-6.40	38.43
12/07	37.91	-5.09	37.90
03/08	37.33	-5.28	37.38
06/08	36.88	-5.00	36.86
Re	gression		6 pt.

Avg Annual Percent Change Based on Best Fit:

-5.38 %

Premium Trends Uninsured / Underinsured Motorist

Exponential Curve of
Best Fit

	Average Written		<i>.</i> .
Year Ending	Premium @ CRL	Annual Change	6 pt.
12/05	63.07	0.00	
03/06	62.69	0.00	
06/06	63.23	0.00	
09/06	63.18	0.00	
12/06	63.31	0.38	
03/07	63.43	1.18	\$63.40
06/07	63.39	0.25	63.46
09/07	63.55	0.59	63.52
12/07	63.59	0.44	63.58
03/08	63.66	0.36	63.64
06/08	63.67	0.44	63,69
Dag	ression		6 pt.

Avg Annual Percent Change Based on Best Fit:

0.37 %

Premium Trends Collision

Exponential Curve of Best Fit

Average \	Written
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	21101050 11110011		
Year Ending	Premium @ CRL	Annual Change	6 pt.
12/05	371.25	0.00	
03/06	367.86	0.00	
06/06	368.00	0.00	
09/06	366.82	0.00	
12/06	366.25	-1.68	
03/07	368.14	-0.27	\$368.55
06/07	370.08	0.33	370.17
09/07	372.49	1,41	371.79
12/07	373.84	2.07	373.43
03/08	374.61	1.97	375,06
06/08	376.56	2.01	376.71
Dogwoodi	24		6 nt
Regression	on		6 pt.

Avg Annual Percent Change Based on Best Fit:

1.77 %

Premium Trends Comprehensive

Exponential Curve of Best Fit

w	Average Written	1 (7)	<i>(</i>
Year Ending		Annual Change	6 pt.
12/05	223,20	0.00	
03/06	221.07	0.00	
06/06	219.46	0.00	
09/06	217.78	0.00	
12/06	216.84	-3.20	
03/07	217.67	-1.89	\$218.04
06/07	218.50	-0.65	218.54
09/07	219.48	0.67	219.04
12/07	220.02	1.50	219.54
03/08	219.76	1,20	220.04
06/08	220.32	1,10	220.55
Res	gression		6 pt.

Avg Annual Percent Change Based on Best Fit:

0.92 %



APPENDIX D DETERMINATION OF THE UNDERWRITING PROFIT PROVISION

ALLSTATE INSURANCE GROUP

September, 2008

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Section 1: The Fair and Reasonable Return

Standards for Fair Returns

In pricing its insurance products, Allstate seeks to produce a fair and reasonable return from its insurance operations. Generally, what constitutes a fair and reasonable return involves many factors. In the context of ratemaking, the Supreme Court of the United States examined the level of return that constitutes a fair return for a regulated business in two landmark cases; Federal Power Commission, et al. v. Hope Natural Gas Co., 320 U.S. 591 (1944) and Bluefield Waterworks & Improvement Co. v. Public Service Commission of West Virginia, et al., 262 U.S. 679 (1923).

In *Hope Natural Gas*, the court adopted the capital attraction standard, under which the following questions are asked: Is the current rate of return excessive? Is the industry attracting capital and holding it? How risky is the business in comparison with others? Is the industry over-capitalized? Would the industry make better use of its capital if rates were more adequate? The Court concisely summarized the essential components of what we believe to be a fair and reasonable return:

"From the investor or company point of view it is important that there be enough revenue not only for operating expenses, but also for the capital costs of the business. These include service on the debt and dividends on the stock ... By that standard the return to the equity owner should be commensurate with returns on investments in other enterprises having corresponding risks. That return, moreover, should be sufficient to assure confidence in the financial integrity of the enterprise, so as to maintain its credit and to attract capital."

In the *Bluefield Waterworks* case, the Court discussed in greater detail the requirement that a regulated enterprise must be permitted to charge such rates as will produce a return comparable to other businesses having corresponding risks. The Court explained:

¹ Hope Natural Gas, 320 U.S. at 603 (citations omitted).

"A public utility is entitled to such rates as will permit it to earn a return upon the value of the property which it employs for the convenience of the public equal to that generally being made at the same time and in the same general part of the country on investments in other business undertakings which are attended by corresponding risks and uncertainties, but it has no constitutional right to profits such as are realized or anticipated in highly profitable enterprises or speculative ventures. The return . . . should be reasonably sufficient to assure confidence in the financial soundness of the utility, and should be adequate, under efficient and economical management, to maintain and support its credit, and enable it to raise the money necessary for the proper discharge of its public duties."

Accordingly, for a return to be a fair return, it must meet the following minimum standards that have been recognized by the United States Supreme Court:

- 1. The return to the firm should be sufficient to attract capital.
- 2. The return to the shareholder should be commensurate with returns on alternative investments of comparable risk.
- 3. The return to the firm should be commensurate with returns to other unregulated firms of comparable risk.

This paper will now examine how the components of Allstate's underwriting profit provision are designed to meet each of these standards.

Cost of Equity Capital

Insurance companies incur multiple expenses when writing insurance policies – for example, agent commissions, premium taxes, and personnel salaries, among other things. Another expense that is

² Bluefield Waterworks, 262 U.S. at 692.

incurred is the cost of raising and holding the capital that is required to support the business being written. This expense, known as the cost of equity capital, is included in the rate as what is typically called the "profit provision."

A firm's cost of equity capital is the rate of return that investors expect to earn on the market value of the investment. Allstate's cost of equity capital was estimated, and a corresponding profit provision was derived, using the methodologies described in the remainder of this paper.

Allstate utilized two major cost of capital estimation techniques to determine its result – the Fama-French Three-factor Method, and the Discounted Cash Flow Method. Each method is described in detail below.

Estimating the Cost of Equity Capital with the Fama-French Three-factor Model

Modern financial theory teaches that investors demand higher returns from risky investments. The higher return is necessary to induce investors to assume the risk. Therefore, for our purposes, it is necessary to estimate the financial risk of property/casualty insurance so that we can calculate the appropriate return to investors.

According to traditional capital market theory, the return on any given stock is partly driven by the return on the overall market and partly driven by idiosyncratic factors that are not correlated with the overall market. The relationship or co-variability between a given stock's return and the return on the market is measured by a statistic called "beta". Equilibrium returns, according to theory, are linearly related to risk as measured by beta. Intuitively, beta is a measure of the tendency of the return on a stock to move with the market portfolio and provides an indication of the volatility of a security's return relative to the market as a whole. A security with a beta of one is a security with average market risk. A beta of 1.5 indicates that when the return on the market portfolio exceeds the risk-free return by 10%, then the return on the security tends to exceed the risk-free return by 15%; and when the return on the market is 10% less than the risk-free return, the return on the security tends to be 15% less than the risk-free return. Thus, a beta value that is greater than 1.00 indicates a greater than average risk. A beta of 0.5, on the other hand, indicates that when the return on the market portfolio exceeds the risk-free return by 10%, then the return on the security

tends to exceed the risk-free return by 5%; and when the return on the market portfolio is 10% less than the risk-free return, the return on the security tends to be 5% less than the risk-free return. Thus, a beta less than one indicates less than average risk.

Historically, the capital asset pricing model (CAPM) has been widely used to estimate the cost of equity capital. CAPM is simple in its logic and directly reflects the beta risk measure outlined above. CAPM holds that the return on a stock should reflect the co-variability of the stock with the market portfolio, because this component of risk cannot be diversified away by investors. According to CAPM the return on a stock should not reflect the idiosyncratic component of the return, which can be diversified away by holding an appropriately structured portfolio. The CAPM cost of equity capital estimate requires only three values: an estimate of the firm's beta, a risk-free rate of return, and the expected return on the total market portfolio. The CAPM cost of capital is then simply determined as the sum of the risk-free rate plus a risk premium equal to the product of the stock's beta coefficient and the expected return on the market portfolio in excess of the risk-free rate. Expressed mathematically, the CAPM formula is:

$$r = r_f + \beta (r_m - r_f),$$

where r_f is the risk-free rate of return, r_m the expected equity-market rate of return, and r the stock's expected rate of return. B measures the riskiness of the stock's return relative to that of the equity market.

Since the late 1980's, researchers have observed that CAPM's ability to explain and predict the average returns of many investment opportunities can be improved by incorporating additional factors into the analysis. The most widely recognized multi-factor model is the "Fama-French three-factor model." Fama and French have shown that from the 1960's both small stocks and value stocks have returned more than what the traditional CAPM has predicted. In addition to the

³ Fama, Eugene F., and Kenneth R. French, 1992, "The Cross-Section of Expected Stock Returns," *Journal of Finance* 47: 427-465.

Fama, Eugene F., and Kenneth R. French, 1993, "Common Risk Factors In the Returns on Stocks and Bonds," *Journal of Financial Economics* 39: 3-56.

Fama, Eugene F., and Kenneth R. French, 1996, "Size and Book-to-Market Factors in Earnings and Returns," Journal of Finance 50: 131-155.

usual market-risk premium (r_m-r_f) , they utilize two other variables: size premium (π_s) and value premium (π_h) .⁴ The size premium is the excess of the return of a portfolio of small-cap stocks over that of a portfolio of large-cap stocks. The value premium is the excess of the return of a portfolio of high book-value-to-market-value stocks over that of a portfolio of low book-value-to-market-value stocks.⁵ Shown in Appendix 1, Exhibit 1 are the long-term averages of the market-risk, small-stock, and value-stock premia from the Fama-French database, which derives from the database of the Center for Research in Security Prices. The Fama-French model regresses a stock's monthly return against monthly returns from the three factors, or in equation form:

$$r - r_f = \alpha + \beta_m (r_m - r_f) + \beta_s \pi_s + \beta_h \pi_h + \varepsilon$$

As before, r_f is the risk-free rate of return for the month observed. But r is now the observed return of the stock for that month. To predict returns we use expected values, but the regression equation explains actual, random observations (hence the error term ε). Similarly, r_m is the actual return of the equity market. The variables π_s and π_h measure by how much small-cap stocks outperformed large-cap stocks, and by how much high book-to-market stocks outperformed low ones. Negative values indicate underperformance. Though an intercept term α is estimated, economic theory states that in the long run it should be zero. Hence, in predicting stock returns it is ignored.

Thus, three betas are estimated, which measure the stock's sensitivity to the three factors. Note that the π -variables are not related to the risk-free return r_f , since they are differences of the returns on one equity portfolio from the returns on another equity portfolio.

The Fama-French model is a multi-factor model that reduces to the CAPM if β_s and β_h are constrained to zero. Therefore, it must explain more stock-return variance than does the CAPM. In a subsequent paper⁶, Fama and French argued that the R-squared of their model is markedly

⁴ The notation is from a paper of J. David Cummins and Richard D. Phillips, "Estimating the Cost of Equity Capital for Property-Liability Insurers."

⁵ The details of how Fama and French define these portfolios, how they periodically rebalance them, and their historic performance are freely available at http://mba.tuck.dartmouth.edu/pages/faculty/ken.french.

⁶ Fama, Eugene F. and Kenneth R. French, 1993, "Common Risk Factors in the Returns on Stocks and Bonds," *Journal of Financial Economics* 39: 3-56.

better than that for CAPM, and that β_s and β_h are significantly different from zero, even after controlling for the overall market.⁷ Extensive research since 1992 has shown that factors other than the CAPM market systematic risk factor play an important role in explaining the cross-section of expected stock returns. As Fama and French note:

"...the available evidence suggests that the three-factor model...is a parsimonious description of returns and average returns. The model captures much of the variation in the cross-section of average stock returns, and it absorbs most of the anomalies that have plagued the CAPM."

The Fama-French model has been subject to the most extensive testing and validation of any multiple factor model.

In addition, we have used a technique for measuring the beta that has been shown to improve accuracy. In estimating the beta coefficients of asset pricing models such as the CAPM and Fama-French models, this technique is known as the sum-beta adjustment (Ibbotson, SBBI Valuation Edition 2004, 109-114). The sum-beta method is used to obtain unbiased estimates of the beta coefficients of the risk factors of asset pricing models, when either the individual stock and/or some of the stocks that comprise the risk factors are infrequently traded. Research shows that there is a downward bias in the estimate of the risk factors for shares that trade infrequently. Although Allstate's stock is frequently traded, we cannot directly compare Allstate's estimated risk factors to those of other companies without first adjusting for the amount of trading in each firm's stock. The adjustment is quite simple – unbiased estimates of the beta coefficients are obtained – in the case of the Fama-French model, by regressing the excess return of the stock on the

⁷ R-squared is a widely accepted measure of the goodness-of-fit of a regression model. It measures the proportion of the variability in the dependent variable of the model (in this case, the excess return of a stock) that is explained by the model.

⁸ Fama, Eugene F. and Kenneth R. French, 1996, "Multifactor Explanations of Asset Pricing Anomalies," *The Journal of Finance* 51: 56.

⁹ Dimson, Elroy, 1979, "Risk Measurement When Shares are Subject to Infrequent Trading," *Journal of Financial Economics* 7: 197-226.

contemporaneous risk factors and the previous month's factors. In symbols, the sum-beta version of the Fama-French model is:

$$r - r_f = \alpha + \beta_{m0} (r_{m0} - r_{f0}) + \beta_{m1} (r_{m1} - r_{f1}) + \beta_{s0} \pi_{s0} + \beta_{s1} \pi_{s1} + \beta_{h0} \pi_{h0} + \beta_{h1} \pi_{h1} + \varepsilon$$

In this version there are six beta terms, and their subscripts are augmented with 0 and 1. The stock's excess return is thereby related to the market, size, and value returns of the current period (period 0), as well as to those of the previous period (period 1). Otherwise, all the variables are defined as they were in the three-factor Fama-French model previously discussed.

After estimating the long-term relationships between the stock's excess return and the factors, the unbiased beta coefficient for each factor is obtained by adding the current and lagged beta — hence the term "sum-beta." With unbiased estimates of the beta coefficients, the cost of equity capital is then determined by multiplying the long-term average risk premium for each factor by the appropriate sum-beta and then summing across the three factors.

Full-Information Betas

Allstate follows the lead of Cummins and Phillips in their application of the full-information adjustment to the Fama-French model. From the CRSP data, betas are estimated for rolling sixty-month periods for the thousands of companies in the CRSP database. For more than five thousand of these companies, the S&P/Compustat database provides sales figures by North American Industry Classification System (NAICS) segment. This allows us to define 26 high-level, homogenous business segments, one of which is property/casualty insurance. Each firm can then be treated as a unique mixture of these business segments. In other words, we can decompose the Fama-French betas of the companies in the sample into Fama-French betas of idealized business segments, in particular, those of the property/casualty segment. The details

¹⁰ In applying the sum-beta method, it is important for reasons of consistency to apply the model to stocks that trade frequently as well as to infrequently traded stocks. In the former case, the sum-beta adjustment does not significantly affect the cost of capital estimates

¹¹ J. David Cummins and Richard D. Phillips, "Estimating the Cost of Equity Capital for Property-Liability Insurers."

of this procedure are given in the earlier cited working paper of Cummins and Phillips, but in brief, we estimate the industry-segment betas of the following seemingly-unrelated-regression (SUR)¹² model:

$$\beta_{mi} = \sum_{j} \beta_{mj} \omega_{ij} + \varepsilon_{mi}$$

$$\beta_{si} = \sum_{j} \beta_{sj} \omega_{ij} + \gamma_{s} \ln(MV_{i}) + \varepsilon_{si}$$

$$\beta_{hi} = \sum_{i} \beta_{hj} \omega_{ij} + \gamma_{h} \ln(BV_{i} / MV_{i}) + \varepsilon_{hi}$$

Subscript i indexes the actual companies, subscript j the industry segments. The independent variable ω_{ij} is the participation of the i^{th} firm in the j^{th} segment, and summing it over all j values with i constant equals one. For example, Allstate's exposure is about 18% in the life-insurance segment and 82% in the property/casualty segment. From the firm Fama-French betas (the betas with the i subscript), the model estimates the industry-segment betas (the full-information betas, those with the j subscript). The gamma terms level the size (s) and value (h) attributes of companies in order to make their industry-group betas independent of size and value. The SUR feature estimates and incorporates the covariance between the triad of error terms. Allstate decomposed sum-betas and weighted the error terms of the regression according to the market value of the companies, as did Cummins and Phillips.

Allstate's Cost of Equity Capital Estimate Using Fama-French

Investors expect higher returns from equity investments because equity investments are riskier than risk-free investments, such as Treasury Bills. This additional return over and above a risk-free return is commonly referred to as a risk premium.

The attached Appendix 1, Exhibit 1 presents the three risk premia necessary to apply the Fama-French model. The three risk premia are long-term averages beginning with July 1926 data and ending in June of the year shown in the exhibit. Data before July 1926 are not readily available.

¹² Seemingly unrelated regression is an advanced modeling technique discussed in most econometric textbooks. For a standard treatment see Judge, George G., R.C. Hill, W.E. Griffiths, H. Lütkepohl, and T.-C. Lee, *Introduction to the Theory and Practice of Econometrics*, Second Edition, New York, John Wiley & Sons, 1988, chapter 11.

The CRSP data go back only that far, and Ibbotson Associates takes it as the starting point for all its series.

The market risk premium reflects the degree to which the return on a broad base of stocks has exceeded the risk-free return. Since this risk premium compensates investors for systematic portfolio risk, it is based on a weighted portfolio of all the stocks (currently more than 7,000) in the CRSP database, a portfolio that encompasses the New York and American stock exchanges, the NASDAQ, and the over-the-counter market.

The small-stock premium reflects the degree to which the returns for small companies have exceeded the returns for large companies and adjusts the estimated cost of equity capital for the risk factor associated with firm size.

The value-stock premium reflects the degree to which the returns for companies whose book values are large relative to their market values have exceeded the returns for companies whose book values are correspondingly small. It adjusts the estimated cost of equity capital for the risk factor associated with a firm's ratio of book value to market value. Fama and French form, and quarterly rebalance, the small and large portfolios of CRSP stocks according to the median size. For every month since July 1926, they calculate the difference of the return of the large-stock portfolio from that of the small-stock portfolio. The process is similar for the value-stock premium, except that they use only the upper thirty percent and lower thirty percent of stocks, ranked by their book-to-market ratios.

Appendix 1, Exhibit 2 presents the property/casualty insurance industry betas and coefficients necessary to apply the Fama-French model. As previously described, these values are based on CRSP data for thousands of firms, subdivided into twenty-six business segments.

Appendix 1, Exhibit 3 summarizes the market value and book value from Allstate's reported financial statements. Only the two "Log" columns will carry forward into the cost-of-capital calculation. These "Log" values will multiply with the model-estimated gammas, so that the size

and value components of the cost of capital will be tailored to Allstate within the property/casualty insurance segment.

Appendix 1, Exhibit 4, Page 1 summarizes the Fama-French model estimates of the market-risk, size-risk, and value-risk betas. Calculations are shown for the most recent five-year period. Note that nothing unique to Allstate flows into the market-risk beta, but the size-risk and value-risk components are specific to Allstate.

Allstate's methodology utilizes an averaging of the betas in an attempt to increase stability, as the beta values can fluctuate from year to year. A 3-year average is currently used, which also lends a degree of responsiveness to the beta value. However, both the 3- and 5-year averages will be monitored and considered prospectively in order to prevent large fluctuations from year to year.

The return on 28-day Treasury Bills is used to represent the risk-free return. This value, obtained from the Federal Reserve, is the annualized return. Since such Bills mature at the end of the period, they are as free from market-price fluctuation as they are from default.

Appendix 1, Exhibit 4, Page 2 summarizes the final calculation of the Fama-French cost of equity. The cost of equity is equal to the sum of the P/C industry market risk premium, the Allstate size risk premium, the Allstate value risk premium, and the risk-free return.

Estimating the Cost of Equity Capital with the Discounted Cash Flow Model

The Discounted Cash Flow (DCF) model, as the name implies, is based on the concept of discounting future cash flows. The underlying assumption of the model is that the cost of an investment, typically the price of a stock, must equal the present value of the cash flows from the investment. The logic is as follows: investors are willing to pay the current price for a share of stock only if the present value of the expected cash flows arising from the investment is equal to that price. If the present value of the cash flows were greater (less) than the current price, investors would bid the price up (down).

The cash flows arising from the purchase of a share of stock are the dividend payments the investor expects to receive in the future. If the security is expected to be held in perpetuity, then the stock price can be expressed as the sum of the discounted future dividend yields:

$$P_0 = [D_1/(1+k)] + [D_2/(1+k)^2] + [D_3/(1+k)^3] + ...$$
 (1)

where P_0 is the price of the stock, D_i is the dividend yield in period i, and k is the investor's implicit discount rate, or cost of capital. If dividends are expected to grow at a constant annual rate, g, in the future, then the dividend in time period i is simply the current dividend, D_0 , times the growth factor $(1+g)^i$. It can be shown, by suitable mathematical manipulation, that this formulation of the DCF model is equivalent to the equation below:

$$k = (D_1/P_0) + g$$
 (2)

where D_1/P_0 is the dividend yield expected in the first year and g is the expected growth rate of the dividends. It can also be shown that even if the investor expects to sell the security at some later date, the price at that time will be equal to the present value of the then future dividend flows. Therefore any expected future capital gain will be impounded in the current estimates of future cash flows.

As shown in equation (2) above, calculating cost of capital entails collecting data and developing computational procedures to estimate the two components on the right hand side of the equal sign – the expected first year dividend yield and the expected growth rate in dividends. The approach taken by Allstate in the estimation of these two components was derived largely from the hearings of the Federal Energy Regulatory Commission (FERC), which produced a substantial amount of testimony relating to the implementation of the DCF model¹³.

The first component of the DCF equation, D_1/P_0 , is the anticipated dividend yield in the coming year. It is the estimated total cash dividends to be declared over the next 12 months divided by the

¹³ We relied heavily on a series of these FERC orders, including orders 420, 442, 442A, 461, and 489 in developing the estimation procedures used in the analysis herein.

current price of the stock. This value is reported directly in the data source¹⁴ upon which we rely, and hence requires no specific calculation.

The second component of equation (2) is the growth rate, g. We calculate this value as the average of several different estimates, including historical and forecasted dividend and earnings growth rates, and the growth rate from what is termed the "fundamental analysis."

Regarding the dividend/earnings data, the composite earnings and dividend growth rates are calculated as the average of five-year and ten-year historical growth rates and analysts forecasts of such growth rates in the future. Details of these calculations can be found on Appendix 2, Exhibit 3, Pages 1 and 2. The average of the dividend growth rate¹⁵ and the earnings growth rate¹⁶ is called the "Growth Forecast."

The second method, "fundamental analysis" (also known as the "sustainable growth model", the "internal growth model" or the "plowback method"), is a method of estimating expected future dividend growth that depends solely on the firm's own financing activities: the retention and reinvestment of earnings and the issuance of new stock. The underlying premise of this approach is that sustainable growth in the future depends on the firm's ability to generate such growth internally. Thus, the fundamental analysis computes the expected growth rate as the sum of the earnings retained to common equity and a stock issuance adjustment factor, as follows:

Fundamental growth = e + s*v

e= earnings retained to common equity

s= fraction of shares to be issued

v = (market/book) - 1.

The first component of the sum above – the earnings retained to common equity – represents the growth in dividends arising from the reinvestment of retained earnings; for example, if 60% of

¹⁴ Value Line Investment Survey

¹⁵ Appendix 2, Exhibit 3, Page 1: Column (5)

¹⁶ Appendix 2, Exhibit 3, Page 2: Column (5)

earnings are retained and reinvested within the firm, and the rate of return on investment is expected to be 15%, then earnings and dividends should grow 9% (=60% * 15%), because the reinvested earnings will produce profits that can be used to pay higher dividends in the future. The second component of the sum above represents an estimate of the growth in dividends that can arise if a firm sells new stock at prices above book value. Details regarding the calculation of the fundamental analysis can be found on Appendix 2, Exhibit 4, Pages 1 and 2.

The dividend growth rate (g), can then be estimated as the average of the growth forecast and the fundamental analysis. Once the dividend growth rate has been calculated, the cost of equity can be calculated using equation (2) above – the sum of the dividend growth rate and the expected first-year dividend yield. Details regarding the calculation of the cost of equity can be found on Appendix 2, Exhibit 1.

Allstate's Cost of Equity Capital Selection

Allstate utilizes both the Fama-French model and the Discounted Cash Flow model to leverage the strengths of each model. A strength of the Fama-French model is its responsiveness to current market conditions; a strength of the Discounted Cash Flow model is its degree of stability in its results. By incorporating the results of both analyses, Allstate can produce an estimated cost of capital that strikes a balance between the more responsive model and the more stable one.

After considering the results from both the Fama-French and Discounted Cash Flow analyses, Allstate selected a cost of capital, as shown on Appendix 3, Exhibit 1, Page 1.

Section 2: Development of the Underwriting Profit Provision From a Given Cost of Equity

Underwriting profit is defined in *Actuarial Standards of Practice*, *No. 30* as "Premiums less losses, loss adjustment expenses, underwriting expenses, and policyholder dividends." Thus, a provision for underwriting profit is a portion of the actuarially developed rate, and is often expressed as a percentage of the rate. The underwriting profit provision is an estimate of future profits; because actual losses and expenses can differ from those expected, the actual realized underwriting profit may not equal the target profit provision.

In the past, development of the underwriting profit provision for insurance companies was a task that involved no underlying theory, but rather constituted the simple task of selecting a round number. From 1921 until the 1960's, a 5% underwriting profit provision was used for most lines. This approach, however, was not based on financial theory and neglected investment income and income taxes. As pricing techniques have become more sophisticated through the incorporation of financial theory, the development of the underwriting profit provision has become more rigorous and the need for financial soundness more important. Allstate's method of determining the appropriate underwriting profit provision, which is described in detail in this paper, involves determining the *total* profit needed to meet the demand of investors and then subtracting out the profit received from investment income to arrive at the underwriting profit needed from insurance operations and, ultimately, from the premium collected.

Section 1: *The Fair and Reasonable Return* describes the step-by-step process by which Allstate's cost of equity was calculated. In order to obtain the needed cost of equity, Allstate must include an appropriate underwriting profit provision in its ratemaking methodology. The development of the appropriate underwriting profit provision is shown below.

Appendix 3, Exhibit 1, Page 2 displays the flow of calculations from a given cost of equity to the underwriting profit provision; below is a detailed discussion of each step in the process of

¹⁷ Actuarial Standards of Practice, No. 30; page 2

^{&#}x27;° *Ibid;* page 2

¹⁹ The notable exception is Workers Compensation, which used a 2.5% profit load (Robbin, 1992)

calculating an underwriting profit provision based on a given cost of equity. Please see the exhibits attached in Appendix 3 for supporting data used in the calculation of the underwriting profit provision, as catalogued in Appendix 3, Exhibit 1, Page 2.

Detail Supporting the Underwriting Profit Calculations

Step (1): Average Market Value of Equity

As mentioned in Section 1: *The Fair and Reasonable Return*, the cost of equity is a rate of return on the market value of the firm. Therefore, once we have calculated the cost of equity (as described in *The Fair and Reasonable Return*), we must determine the appropriate market value to which this return should be applied.

The market value of a firm, which can be calculated as the sum of a firm's shares of stock multiplied by the price for that stock, is a constantly changing value. Therefore, in order to establish a measure of stability within the pricing calculations, Allstate applies a long-term average of the company's market-to-book ratio to the year-end book value to determine the average market value. In addition, a "market value" for two of Allstate's separate entities — Allstate New Jersey and Allstate Floridian — is imputed using each company's proportion of total corporate book value. Details for these calculations can be found on Appendix 3, Exhibit 2.

Step (2): Cost of Equity (%)

Details of the derivation of the cost of equity can be found in Section 1: *The Fair and Reasonable Return*. A summary of the cost of capital analysis results can be found in Appendix 3, Exhibit 1, Page 1.

Step (3): Cost of Equity (\$)

Given the market value of the firm (Step 1) and the percentage cost of equity (Step 2), we can calculate the dollar value of the cost of equity as the product of Step 1 and Step 2.

Step (4): Dividend Payout Ratio

Appendix 3, Exhibit 3 details the derivation of the dividend payout ratio. In this calculation, stock repurchases are considered with dividends in the total payout. The result of a stock repurchase is to increase the value of each remaining share. Since the market value is unchanged, and the number of shares outstanding has decreased, the value per share increases. Thus, similar to a dividend, the shareholder receives income, despite the fact that total market value and the present value of growth opportunities for the company remain unchanged. The dividend payout ratio is obtained by summing the Total Payout, column (5), and the GAAP Net Income, column (2), and calculating the ratio of these two sums. Because the amount of dividends paid and stock repurchases made in a given year are based on the income earned in the previous year, the GAAP Net Income is lagged by one year in determining the dividend payout ratio. Data starting in 1996 is used to calculate the average, as that is the data available since Allstate became a publicly traded firm in 1995.

Step (5): Average Market-to-book Ratio

Appendix 3, Exhibit 4 details the derivation of the average market-to-book ratio. Due to the amount of fluctuation in market-to-book ratios, Allstate uses a long-term average estimate of this ratio.

Step (6): Income Due Shareholders

Recall that the cost of equity is the return on the market value of the firm, which is the return due to the shareholders. Therefore, the dollar value of the cost of equity, shown in Step 3, is the income due to shareholders.

Step (7): Income Needed by Allstate

The amount of income that Allstate must earn in order to pay shareholders is not necessarily equal to the amount of income due to the shareholders. Given Allstate's dividend payout ratio

and market-to-book ratio, we can calculate the amount of income that Allstate must earn in order to provide the cost of capital to shareholders.

If a company's market-to-book ratio is greater than one, and its dividend payout ratio is less than 100%, then the amount of income that the firm needs to make is less than the amount due to the shareholders. For example, if the income due to shareholders was \$100, and the company had a market-to-book ratio of 1.50 and a dividend payout ratio of 0.60, then we know that $$100 = 60\% \times X + 40\% \times 1.50 \times X$, where X is the income needed by the company. We can rearrange the equation to make it easier to solve for X: $X = $100/(60\% + 40\% \times 1.50) = 83.33 . Therefore, in this scenario, the company would need to earn \$83.33 in order to provide \$100 to its shareholders.

Similar to this example, because Allstate's market-to-book ratio is greater than one and its dividend payout ratio is less than 100%, the amount of income that Allstate must earn is less than the amount due to the shareholders. In general terms, the equation can be described as follows: Income Needed by the Company = Income Due Shareholders/[Dividend Payout Ratio – (1 – Dividend Payout Ratio)*Market-to-book Ratio]. This is the formula used to calculate the income needed by Allstate in Step 7.

Step (8): Investment Income on Equity

Allstate earns investment income on its equity capital, which contributes to the income needed by Allstate. The value listed in Step 8 is derived from an investment income forecast produced by Allstate's Investments department. Allstate uses projected values of investment income, rather than historical averages of actual investment income, because it allows for swifter adaptation to changes in Allstate's investment portfolio, as well as evolving market conditions.

The investment income estimate includes investment income and capital gains, both realized and unrealized. In addition, net income from Allstate Financial is included.

Step (9): Operating Income Needed:

"Operating income" is the term that is used to describe the amount of income made by a company through its insurance operations, that is, through its underwriting profits and investment income from policyholder-supplied funds. Operating income does not include investment income on capital.

To derive Allstate's target operating income, one must simply start with the total target income for Allstate (Step 7) and subtract the investment income on equity capital (Step 8). The remaining target income is the operating income.

Step (10): Earned Premium

This value represents the latest calendar year of earned premium from all lines of business. Similar to the estimate of the average market value of equity in Step 1, the earned premium is subdivided for Allstate New Jersey, Allstate Floridian, and the remainder of Allstate Group. Details on this subdivision can be found on Appendix 3, Exhibit 2.

Step (11): Operating Ratio

Operating income can be expressed as a ratio to premium by dividing the operating income (Step 9) by the earned premium (Step 10).

Step (12): Investment Income for Policyholder-supplied Funds

As mentioned above, operating income is equal to the sum of the underwriting profit and the investment income from policyholder-supplied funds (PHSF). Therefore, in order to determine the appropriate target underwriting profit, we must estimate the expected investment income from PHSF.

PHSF are equal to loss and unearned premium reserves, and Allstate estimates the investment income produced by them using an analysis of premium, expense, and loss cash flows.

Premiums are collected, expenses are incurred, and losses are paid in different time frames. In most cases, premiums are collected over a short period of time, while expenses and, more notably, losses are paid out over a longer period of time. This difference in cash inflow and

outflow allows the insurer to earn investment income on the premium supplied by the policyholder.

A cash-flow analysis is one of the two examples given in Actuarial Standards of Practice, No. 30 as appropriate methods for recognizing investment income from insurance operations (page 4). This methodology also allows us to differentiate the amount of expected investment income by line of business and by state. Therefore, lines of business and states with longer-tailed losses are estimated to have higher than average investment income, and vice versa.

The discount rate used in the cash flow calculations is based on the investment income rate of return for Allstate's investment portfolio. It is the same rate of return that is used in Step 8: investment income on equity capital.

Details of the investment income on PHSF calculations can be found on Appendix 3, Exhibit 5.

Step (13): After-tax Underwriting Profit Provision

As mentioned in Step 12 above, the amount of underwriting income required from insurance operations can be reduced for the investment gains resulting from the timing of policy cash flows. Thus, the investment gains from PHSF are subtracted from the operating ratio to get the after-tax underwriting profit provision.

Step (14): Tax Rate

Allstate's federal income tax rate on underwriting income is 35%. This step in the calculations is only for the taxation of underwriting income. Taxes paid on investment income were accounted for separately in Steps 8 and 12.

Step (15): Pre-tax Underwriting Profit Provision

In order to receive the appropriate after-tax underwriting income, a pre-tax underwriting profit provision must be targeted. To calculate this, the after-tax underwriting profit provision is divided by one minus the income tax rate. This is the underwriting profit provision used in the development of the rate level indication.

Appendix 1

The Fama-French Three-factor Model

FAMA-FRENCH RISK PREMIA

Annual Avg	Market-Risk	Small-Stock	Value-Stock
until December	Premium	Premium	Premium
2003	8.26%	3.79%	5.16%
2004	8.30%	3.81%	5.21%
2005	8.25%	3.73%	5.26%
2006	8.29%	3.69%	5.37%
2007	8.22%	3.54%	5.15%

All time series commence from 1926.

 $\underline{Source:\ http://mba.tuck.dartmouth.edu/pages/faculty/ken.french}$

PROPERTY/CASUALTY INDUSTRY SEGMENT Betas

60 Months ending December	Market-Risk Beta	Prop/Cas Small- Stock Beta	Prop/Cas Value- Stock Beta	Market-Value Coefficient	Book-to-Market Coefficient
2003	0.576	1.230	0.706	-0.148	0.259
2004	0.648	1.104	0.658	-0.133	0.239
2005	0.511	1.601	0.451	-0.166	0.345
2006	0.845	1.408	0.229	-0.145	0.219
2007	1.198	1.453	0.076	-0.184	0.321

ALLSTATE CORPORATION

NAICS Code 524126

Allstate Compustat Data

(\$ Million)

	(4 2:20	******		
Estimation	Market	Book	Log Market	Log
Year	Value	Value	Value	Book-to-Market
2003	30,268	20,565	10.3178	-0.3865
2004	35,491	21,823	10.4770	-0.4863
2005	35,072	20,186	10.4652	-0.5524
2006	40,690	21,846	10.6137	-0.6220
2007	29,809	21,851	10.3025	-0.3105

Source: Standard & Poor's/Compustat

ALLSTATE CORPORATION Betas

Prop/Cas Period Market Beta 2003 0.576 2004 0.648 2005 0.511 2006 0.845 2007 1.198 3-yr Avg 0.851 5-yr Avg 0.756 Selected 0.851	(1)	(2)
2003 0.576 2004 0.648 2005 0.511 2006 0.845 2007 1.198 3-yr Avg 0.851 5-yr Avg 0.756		Prop/Cas
2004	Period	Market Beta
2005 0.511 2006 0.845 2007 1.198 3-yr Avg 0.851 5-yr Avg 0.756	2003	0.576
2006 0.845 2007 1.198 3-yr Avg 0.851 5-yr Avg 0.756	2004	0.648
2007 1.198 3-yr Avg 0.851 5-yr Avg 0.756	2005	0.511
3-yr Avg 0.851 5-yr Avg 0.756	2006	0.845
5-yr Avg 0.756	2007	1.198
5-yr Avg 0.756		
	3-yr Avg	0.851
Selected 0.851	5-yr Avg	0.756
	Selected	0.851

Size Risk Component:

(3)	(4)	(5)	(6)	(7)=(4)+(5)*(6)
	Prop/Cas	Market Value	Log Market	Size Risk
Period	Size Beta	Coefficient	Value	Beta
2003	1.230	-0.148	10.3178	-0.297
2004	1.104	-0.133	10.4770	-0.289
2005	1.601	-0.166	10.4652	-0.136
2006	1.408	-0.145	10.6137	-0.131
2007	1.453	-0.184	10.3025	-0.443
			3-yr Avg	-0.237
			5-yr Avg	-0.259
		ſ	Selected	-0.237

Value Risk Component:

(8)	(9)	(10)	(11)	(12)=(9)+(10)*(11)
	Prop/Cas	Book-to-Mkt	Log Book-	Value Risk
Period	Value Beta	Coefficient	to-Market	Beta
2003	0.706	0.259	-0.3865	0.606
2004	0.658	0.239	-0.4863	0.542
2005	0.451	0.345	-0.5524	0.260
2006	0.229	0.219	-0.6220	0.093
2007	0.076	0.321	-0.3105	-0.024
			3-yr Avg	0.110
			5-yr Avg	0.295
		Ī	Selected	0.110

Note: Each time period is a 60-month period ending December in the year shown.

ALLSTATE CORPORATION Estimated Cost of Equity Capital

Cost of Equity Capital:

		Value	Source
(1)	Long-term Average Market Risk Premium:	8.22%	App. 1, Exh. 1
(2)	Selected Beta:	0.851	App. 1, Exh. 4, Pg. 1
(3)	P/C Industry Market Risk Premium:	7.00%	=(1) * (2)
(4)	Long-term Size Risk Premium:	3.54%	App. 1, Exh. 1
(5)	Selected Size Beta:	-0.237	App. 1, Exh. 4, Pg. 1
(6)	Allstate Size Risk Premium:	-0.84%	=(4)*(5)
(7)	Long-term Value Risk Premium:	5.15%	App. 1, Exh. 1
(8)	Selected Value Beta:	0.110	App. 1, Exh. 4, Pg. 1
(9)	Allstate Value Risk Premium:	0.57%	=(7) * (8)
(10)	Total Risk Premium:	6.73%	=(3)+(6)+(9)
(11)	Risk-free Return:	1.88%	US Treasury*
(12)	Fama-French Cost of Equity Capital:	8.61%	=(10) + (11)

^{*}The risk-free return is the investment return on a 28-day Treasury bill, as of June 16, 2008 http://www.ustreas.gov/offices/domestic-finance/debt-management/interest-rate/daily_treas_bill_rates_historical.shtml

Appendix 2

The Discounted Cash Flow Model

ALLSTATE CORPORATION Discounted Cash Flow Analysis Summary

(1)	(2)	(3)	(4).	(5)	(6)	(7)	(8)	(9)	(10)
	Estimated					Stock		Dividend	Cost
	Dividend	Dividend	Earnings	Growth	Earnings	Issuance	Fundamental	Growth	of
Time Period	Yield	Component	Component	Forecast	Retention	Factor	Analysis	Rate	Capital
4th Quarter 2007	2.90	11.00	10.83	10.92	11.49	(0.90)	10.59	10.75	13.65
3rd Quarter 2007	2.60	11.00	11.50	11.25	10.99	(0.90)	10.09	10.67	13.27
2nd Quarter 2007	2.60	11.67	6,33	9.00	10.00	(0.09)	9.91	9,45	12.05
1st Quarter 2007	2.30	11.83	6,83	9.33	9.90	(0,06)	9.84	9.58	11.88
4th Quarter 2006	2.40	11.67	8.00	9.83	8.60	(0.03)	8.57	9.20	11.60
3rd Quarter 2006	2.60	11.67	8,00	9.83	9.10	(0.04)	9.06	9.44	12.04
2nd Quarter 2006	2.60	11.67	7,17	9.42	9.87	(0.36)	9.50	9.46	12.06
1st Quarter 2006	2.50	13.33	11,67	12.50	10.70	(0.90)	9.80	11.15	13.65
4th Quarter 2005	2.40	13.33	11.67	12.50	10.70	(0.90)	9.80	11.15	13.55
3rd Quarter 2005	2.20	15.17	9,33	12.25	10.70	(0.99)	9.71	10.98	13.18
2nd Quarter 2005	2.40	15.17	9,00	12.08	10.26	(1.43)	8.83	10.45	12.85
1st Quarter 2005	2.30	15.50	10,83	13.17	10.76	(1.69)	9.07	11.12	13.42
4th Quarter 2004	2.30	15.50	10,33	12.92	9.76	(0.37)	9.39	11.15	13.45
3rd Quarter 2004	2.50	15.50	10.17	12.83	9.76	(0.28)	9.48	11.16	13.66
2nd Quarter 2004	2.50	11.00	5,50	8.25	10.06	(0.55)	9.51	8.88	11.38
1st Quarter 2004	2.20	10.25	5.50	7.88	10.24	(0.56)	9.67	8.77	10.97
4th Quarter 2003	2.50	10.25	5.50	7.88	10,24	(0.46)	9.78	8.83	11.33
3rd Quarter 2003	2.50	10.25	4,75	7.50	10.57	(0.50)	10.07	8.78	11.28
2nd Quarter 2003	2.80	10.25	9.25	9.75	10.57	(0.50)	10.07	9.91	12.71
1st Quarter 2003	2.20	10.50	8.75	9.63	10,74	(0.60)	10.14	9.88	12.08

Sources (within Appendix 2):

- (2): Exhibit 2, Column (2)(3): Exhibit 3, Page 1, average of Columns (2)-(4)
- (4): Exhibit 3, Page 2, average of Columns (2)-(4)
 (5): Average of Columns (3)-(4)
- (6): Exhibit 4, Page 1, average of Columns (2)-(4)
- (7): Exhibit 4, Page 2, Column (5)(8): Sum of column (6) and column (7)
- (9): Average of Columns (5) and (8)
- (10): Sum of column (2) and column (9)

ALLSTATE CORPORATION Discounted Cash Flow Analysis Estimated Dividend Yield

(1)	(2)
	Estimated Dividend
Time Period	Yield
4th Quarter 2007	2.90
3rd Quarter 2007	2.60
2nd Quarter 2007	2.60
1st Quarter 2007	2.30
4th Quarter 2006	2.40
3rd Quarter 2006	2.60
2nd Quarter 2006	2.60
1st Quarter 2006	2.50
4th Quarter 2005	2.40
3rd Quarter 2005	2.20
2nd Quarter 2005	2.40
1st Quarter 2005	2.30
4th Quarter 2004	2.30
3rd Quarter 2004	2.50
2nd Quarter 2004	2.50
1st Quarter 2004	2.20
4th Quarter 2003	2.50
3rd Quarter 2003	2.50
2nd Quarter 2003	2.80
1st Quarter 2003	2.20

Sources:

ALLSTATE CORPORATION Discounted Cash Flow Analysis Dividends Per Share Experience

(5) (4) (3)(1) (2)Change ofAnnual Rate Forecast Past 10 Years Average Past 5 Years Time Period 11.00 7.50 13.00 12.50 4th Quarter 2007 11.00 13.00 7.50 12.50 3rd Quarter 2007 12.50 9.00 11.67 2nd Quarter 2007 13.50 11.83 12.50 9.50 13.50 1st Quarter 2007 11.67 9.00 12.50 13.50 4th Quarter 2006 11.67 9.00 12.50 3rd Quarter 2006 13.50 11.67 9.00 12.50 13.50 2nd Quarter 2006 9.00 13.33 18.50 12.50 1st Quarter 2006 13.33 18.50 12.50 9.00 4th Quarter 2005 15.17 11.50 9.00 25.00 3rd Quarter 2005 9.00 15.17 11.50 2nd Quarter 2005 25.00 10.00 15.50 11.50 25.00 1st Quarter 2005 15.50 10.00 11.50 25.00 4th Quarter 2004 10.00 15.50 11.50 3rd Quarter 2004 25.00 11.00 12.00 10.00 2nd Quarter 2004 NA 10.25 8.50 NA 12.00 1st Quarter 2004 8.50 10.25 12.00 NA 4th Quarter 2003 10.25 12.00 8.50 NA 3rd Quarter 2003 9.00 10.25 11.50 NA 2nd Quarter 2003 10.50 9.50 NA 11.50 1st Quarter 2003

Sources:

ALLSTATE CORPORATION Discounted Cash Flow Analysis Earnings Per Share Experience

(1)	(2)	(3)	(4)	(5)
	Annual	Rate of	Change	
Time Period	Past 10 Years	Past 5 Years	Forecast	Average
4th Quarter 2007	11.00	12.50	9.00	10.83
3rd Quarter 2007	11.50	13.50	9.50	11.50
2nd Quarter 2007	10.00	1.00	8.00	6.33
1st Quarter 2007	10.00	1.00	9.50	6.83
4th Quarter 2006	10.00	1.00	13.00	8.00
3rd Quarter 2006	10.00	1.00	13.00	8.00
2nd Quarter 2006	10.00	1.00	10.50	7.17
1st Quarter 2006	22.50	0.50	12.00	11.67
4th Quarter 2005	22.50	0.50	12.00	11.67
3rd Quarter 2005	19.50	-3.50	12.00	9.33
2nd Quarter 2005	19.50	-3.50	11.00	9.00
1st Quarter 2005	19.50	-3.50	16.50	10.83
4th Quarter 2004	19.50	-3.50	15.00	10.33
3rd Quarter 2004	19.50	-3.50	14.50	10.17
2nd Quarter 2004	NA	-1.50	12.50	5.50
1st Quarter 2004	NA	-1.50	12.50	5.50
4th Quarter 2003	NA	-1.50	12.50	5.50
3rd Quarter 2003	NA	-1.50	11.00	4.75
2nd Quarter 2003	NA	10.00	8.50	9.25
1st Quarter 2003	NA	10.00	7.50	8.75

Sources:

ALLSTATE CORP Discounted Cash Flow Analysis Average Earnings Retention Rates

(1)	(2)	(3)	(4)	(5)
	10-year	5-Year		
Time Period	Average	Average	Forecast	Average
•				
4th Quarter 2007	11.46	10.50	12.50	11.49
3rd Quarter 2007	11.46	10.50	11.00	10.99
2nd Quarter 2007	11.47	10.52	8.00	10.00
1st Quarter 2007	11.37	10.32	8.00	9.90
4th Quarter 2006	10.83	7.46	7.50	8.60
3rd Quarter 2006	10.83	7.46	9.00	9.10
2nd Quarter 2006	11.60	8.50	9.50	9.87
1st Quarter 2006	11.60	8.50	12.00	10.70
4th Quarter 2005	11.60	8.50	12.00	10.70
3rd Quarter 2005	11.60	8.50	12.00	10.70
2nd Quarter 2005	10.72	9.06	11.00	10.26
1st Quarter 2005	10.72	9.06	12.50	10.76
4th Quarter 2004	10.72	9.06	9.50	9.76
3rd Quarter 2004	10.72	9.06	9.50	9.76
2nd Quarter 2004	10.69	9.00	10.50	10.06
1st Quarter 2004	10.65	10.56	9.50	10.24
4th Quarter 2003	10.65	10.56	9.50	10.24
3rd Quarter 2003	10.65	10.56	10.50	10.57
2nd Quarter 2003	10.65	10.56	10.50	10.57
1st Quarter 2003	9.80	12.42	10.00	10.74

Sources:

ALLSTATE CORP Discounted Cash Flow Analysis Stock Issuance Adjustment Factor

(1)	(2)	(3)	(4)	(5)
	Current	Forecast	Forecast	Stock Issuance
Time Period	Shares	Shares	Market/ Book	Adjustment Factor
4th Quarter 2007	575.00	525.00	1.40	(0.90)
3rd Quarter 2007	575.00	525.00	1.40	(0.90)
2nd Quarter 2007	622.00	600.00	1.10	(0.09)
1st Quarter 2007	620.00	610.00	1.15	(0.06)
4th Quarter 2006	625.00	610.00	1.05	(0.03)
3rd Quarter 2006	625.00	600.00	1.04	(0.04)
2nd Quarter 2006	630.00	600.00	1.30	(0.36)
1st Quarter 2006	645.00	600.00	1.50	(0.90)
4th Quarter 2005	645.00	600.00	1.50	(0.90)
3rd Quarter 2005	650.00	600.00	1.50	(0.99)
2nd Quarter 2005	683.00	600.00	1.45	(1.43)
1st Quarter 2005	680.00	600.00	1.55	(1.69)
4th Quarter 2004	690.00	650.00	1.25	(0.37)
3rd Quarter 2004	690.00	660.00	1.25	(0.28)
2nd Quarter 2004	690.00	660.00	1.50	(0.55)
1st Quarter 2004	701.00	670.00	1.50	(0.56)
4th Quarter 2003	695.00	670.00	1.50	(0.46)
3rd Quarter 2003	695.00	670.00	1.55	(0.50)
2nd Quarter 2003	695.00	670.00	1.55	(0.50)
1st Quarter 2003	700.00	670.00	1.55	(0.60)

Sources:

Various editions from 1994 to 2008

where t is 0.25 for forecasts.

^{(1)-(3):} Value Line Investment Surveys, Part 3, The Ratings & Reports

 $^{(5) = [(4) - 1] \}times [((3) / (2)) \exp(t) - 1] \times 100,$

Appendix 3

Development of the Underwriting Profit Provision From a Given Cost of Equity

ALLSTATE CORPORATION Estimated Cost of Equity Capital

Allstate Corporation Cost of Equity Capital Estimates

		value	Source
(1)	Fama-French Three-factor Model	8.61%	App. 1, Exh. 4, Pg. 2
(2)	Discounted Cash Flow Model	13.65%	App. 2, Exh. 1
(3)	Selected Cost of Equity Capital	10.00%	Selection

=(9)/(10)

App. 3, Exh. 5, Pg. 1

=(11)-(12)

FIT***

=(13)/(1-(14))

7.62%

0.71%

6.91%

10.63%

35%

ALLSTATE INSURANCE GROUP

Arkansas Private Passenger Auto

Development of the Underwriting Profit

Physical

Total Source Liability Damage \$ 32,528 App. 3, Exh. 2 (1) Average Market Value of Equity: (2) Cost of Equity (%): 10.00% App. 3, Exh. 1, Pg. 1 \$ =(1)*(2)3,253 (3) Cost of Equity (\$): App. 3, Exh. 3 0.73 (4) Dividend Payout Ratio: 1.55 App. 3, Exh. 4 (5) Average Market-to-book Ratio: \$ 3,253 =(3)Income Due Shareholders: \$ 2,832 =(6)/[(4)+(1-(4))*(5)](7) Income Needed by Allstate: \$ 852 IDF* (8) Investment Income on Equity: \$ 1,980 =(7)-(8)(9) Operating Income Needed: 25,972 App. 3, Exh. 2 (10) Earned Premium: \$

1.18%

6 44%

9.91%

35%

0.24%

7.38%

11.35%

35%

(12) Investment Income from PHSF**:

(13) After-tax U/W Profit Provision:

(15) Pre-tax U/W Income Needed by Allstate:

Dollar values are in millions

(11) Operating Ratio:

(14) Tax Rate:

^{*}Investments Department forecast

^{**}Policyholder-supplied Funds (PHSF) are unearned premium and loss reserves

^{***}This is the federal income tax rate on underwriting profit for Allstate

ALLSTATE INSURANCE GROUP

Enterprise Valuation

(\$ In Millions)

			Imputed
Entity	GAAP Book Value*	Earned Premium	Market Value**
Total Group	21,851	27,233	33,869
ANJ/AFIC	865	1,261	1,371
Group Less ANJ/AFIC	20,986	25,972	32,528

^{*}As of 12/31/07

^{**}Equals GAAP Book Value multiplied by the average market-to-book ratio

ALLSTATE CORPORATION

Dividend Payout Ratio

(1)	(2)	(3)	(4)	(5) = (3)+(4)		(6) = (5)/(2)
	Prior Year		Stock			Total
	GAAP Net		Repurchases	Total		Payout
Year	Income*	Dividends	(Net)	Payout		Ratio
1997	\$2,075	417	1,277	1,694		0.82
1998	\$3,105	450	1,400	1,850		0.60
1999	3,294	482	864	1,346		0.41
2000	2,720	506	1385	1,891		0.70
2001	2,211	547	612	1,159		0.52
2002	1,158	594	383	977		0.84
2003	1,134	648	-48	600		0.53
2004	2,705	779	1111	1,890		0.70
2005	3,181	846	2,203	3,049		0.96
2006	1,765	885	1,516	1,765	**	1.00
2007	4,993	901	3,483	4,384		0.88
Total	28,341	7,055	14,186	20,605		0.73

Source: 2007 Allstate Annual Report - pages 11, 117

^{*}Dividends and Stock Repurchases for a given year are determined based on the previous year's income. Therefore, GAAP Net Income is lagged by one year so that the appropriate ratio is calculated.

^{**}While additional payout was provided from equity funds in 2006, the dividend payout ratio is concerned with percentage of income paid towards dividends and stock repurchases. Therefore, the 2006 payout ratio is capped at 1.00.

ALLSTATE CORPORATION

Historical Market-to-book Ratios

Years	Alistate
Dec-98	1.76
Dec-99	1.08
Dec-00	1.74
Dec-01	1.38
Dec-02	1.47
Dec-03	1.47
Dec-04	1.62
Dec-05	1.73
Dec-06	1.85
Dec-07	1.35
10-yr Avg:	1.55
Selected:	1.55

Source: MSN Online Reports

 $\underline{http://moneycentral.msn.com/investor/invsub/results/compare.asp?Page=TenYearSummarv\&Symbol=ALLL.properties and the properties of the p$

ALLSTATE INSURANCE COMPANY

Private Passenger Auto

Calculation of Total Coverages Investment Income From Policy Cash Flow

	Investment		
	Income	Weight*	Source
(1) Liability Coverages	1.18%	49.9%	App. 3, Exh. 5, Pg. 2
(2) Physical Damage Coverages	0.24%	50.1%	App. 3, Exh. 5, Pg. 3
(3) Total Coverages	0.71%	100.0%	Weighted Average

^{*}The weight given to the coverages comes from premium volume

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO - LIABILITY

Arkansas

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 1.95%* force of interest, given an Operating Profit of 7.62% and six month Policy Terms

Years From Start of Policy Year 1 2 3 4 5 6 Subsequent	Arkansas Cumulative Percent of Losses Paid 37.8% 81.2% 89.7% 95.1% 96.2% 99.0% 100.0%	Arkansas Yearly Percent of Losses Paid 37.8% 43.4% 8.5% 5.4% 1.1% 2.8% 1.0%	Time from Start of Policy Year 0.68 1.39 2.46 3.47 4.46 5.46 7.45	Discounted ** to avg time of profit @ 1.95% 1.0014 0.9876 0.9672 0.9483 0.9303 0.9122 0.8776	Discounted Payments 37.85% 42.86% 8.22% 5.12% 1.02% 2.55% 0.88%
Total		100.0%			98.30%
Expected Losses	and Loss Expense	Ratio			64.16%
Present Value of	Loss and Loss Ex	pense Payments			63.20%
Taxes, Licenses	and Fees	3.00%	0.70	1.0010	3.00%
Commissions		12.20%	0.58	1.0033	12.24%
Other Acquisitio	n	4.60%	0.56	1.0037	4.62%
General Expense	2	4.90%	0.63	1.0023	4.91%
Debt Provision		1.24%	0.75	1.0000	1.24%
Profit		9.90%	0.75	1.0000	9.90%
Total Present Va	llue of Outgo				99.11%
Premiums		100.0%	0.60	1.0029	100.29%
Difference, Prese	ent Value of Incon	ne			
Less Present Val					1.18%

^{*}Discount rate from Investments Department forecast

^{**}exp (0.0195 x (timing of profit being earned - timing of cash flow))

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO - PHYSICAL DAMAGE

Arkansas

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 1.95%* force of interest, given an Operating Profit of 7.62% and six month Policy Terms

Years From Start of Policy Year 1 2 3 4 5 6 Subsequent	Arkansas Cumulative Percent of Losses Paid 72.8% 100.0% 100.1% 100.0% 100.0% 100.0%	Arkansas Yearly Percent of Losses Paid 72.8% 27.2% 0.1% 0.0% -0.1% 0.0% 0.0%	Time from Start of Policy Year 0.63 1.15 2.30 3.30 4.36 5.67 7.41	Discounted ** to avg time of profit @ 1.95% 1.0023 0.9922 0.9703 0.9514 0.9320 0.9085 0.8782	Discounted Payments 72.97% 26.99% 0.10% 0.00% -0.09% 0.00% 0.00%
Subsequent	100.076	0.078	/ • T 1	0.8782	0.0070
Total		100.0%			99.97%
Expected Losses	and Loss Expense	e Ratio			62.40%
Present Value of	Loss and Loss Ex	pense Payments			62.38%
Taxes, Licenses	and Fees	3.10%	0.70	1.0010	3.10%
Commissions		12.20%	0.58	1.0033	12.24%
Other Acquisition	n	4.60%	0.56	1.0037	4.62%
General Expense		5.10%	0.63	1.0023	5.11%
Debt Provision		1.24%	0.75	1.0000	1.24%
Profit		11.36%	0.75	1.0000	11.36%
Total Present Va	lue of Outgo				100.05%
Premiums		100.0%	0.60	1.0029	100.29%
Difference, Prese Less Present Val	ent Value of Inconue of Outgo	ne			0.24%

^{*}Discount rate from Investments Department forecast

^{*}exp (0.0195 x (timing of profit being earned - timing of cash flow))

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

REVISION TO FUTURE EFFECTIVE DATE DISCOUNT

With this filing, we are amending the structure of the Future Effective Date Discount Allstate Property and Casualty Insurance Company in Arkansas. The proposed discount will continue to apply to Bodily Injury, Property Damage, Medical, Collision, and Comprehensive coverages for customers whose policy application is completed seven or more days in advance and have no lapse in coverage.

In amending the structure and discount levels for this discount, we have relied on both the available Allstate data as well as competitor information.

The current perpetual Future Effective Date discount is reflective of the fact that customers who shop for insurance in advance of their policy effective date show a lower propensity for loss than those who do not.

Allstate only recently began consistently populating the data fields required to identify policies that were written prior to their effective date, so we have no data to support the subsequent removal of the discount after three policy periods. Numerous prior studies show that the loss experience for customers who renew and remain insured in our book of business tends to improve over time. Based on only those studies, one could conclude that the loss experience for customers receiving the Future Effective Date Discount at new business would improve at subsequent renewals. If this were true, removing this discount and thereby increasing premiums at renewal might not be actuarially supportable.

However, Allstate is aware of other insurers who today remove similar discounts at renewal. Those competitors include:

 Nationwide Mutual Insurance Company Advanced Quote Discount Filed 4/15/2008 and effective 5/10/2008

State: Arkansas

Please refer to the attached Pages 16 and 660 of Nationwide's Rules and Rates Filing.

This discount applies to new business policies effective on or after January 30, 2006, if a quote is given to a customer, where credit is ordered, at least eight days prior to the policy effective date. The discount will last for three years (see rate tables).

 The Hartford Advance Issue Deviation
 Filed 10/20/2005 and effective 12/15/2005

State: Arkansas

Please refer to Page 12 of The Hartford's Rules and Rates Filing.

The Hartford applies a deviation factor of 0.90 to all class rated coverages afforded by policies with original policy effective dates of December 15, 2005 and later if the time period between the date the initial quote is written and the new business policy effective date is 7 or more days. The deviation lasts for 11 renewals going down a percent each renewal.

Because we believe that the number of days in advance that an initial policy became effective will over time become a less meaningful distinction between two customers with the same initial effective date, Allstate will also be removing the discount after three policy periods. In order to lessen the rate impact between individual policy periods, an initial 10% discount for the first two policy periods will be reduced to 5% at the second renewal, before disappearing altogether for the third.

The proposed structure of the Future Effective Date Discount will be applied to all new business and existing customers who satisfy the qualification criteria. Therefore, existing customers will receive the discount factor corresponding to the number of renewals they have completed since their policy inception. To incorporate this change into the overall proposed 4.4% rate level change, we estimated qualifying exposures and measured the impacts accordingly. See **Attachment E** for more details on the rate level impact of this change.

Please refer to the attached rule and rate pages for more details.

If the total number of vehicles insured by Nationwide Mutual Insurance Company within the household
is two or more, the policy should be considered as "multi-vehicle" within the Matrix. For the "multi-vehicle"
factor to apply, all vehicles must be owned by resident relatives.

A vehicle owned by a corporation or unincorporated association may be considered "individually owned" for purposes of this rule if the vehicle is customarily driven only by individuals within the household, and the vehicle is also insured on a personal auto policy issued by Nationwide Mutual Insurance Company. Only those vehicle types eligible for the Matrix that are insured for both BI and PD are to be considered when determining the number of vehicles insured by Nationwide.

4. "Terms insured with Nationwide" within the Matrix shall be determined by those policies that have been in force in any of the Nationwide Companies (described in the DEFINITIONS section of this manual), which may include an interruption in coverage that did not exceed three years. Any period of interruption shall not be included in determining the length of time the policy has been in force.

New Business Rule

1. Policies will be assigned to a "Prior BI Limits" category based on the lower of the BI limits carried with the Insured's most recent prior carrier or the BI limits selected on the Nationwide policy.

Renewal Business Rules

- An account's "Prior BI Limits" category may move up one rated threshold level per year if the Policyholder has maintained a Bodily Injury Limit greater than their current "Prior BI Limits" category for a period of two consecutive terms.
- Accounts written as new business prior to July 29, 2004, will be assigned to a "Prior B! Limits" category based on the policy's Bodily Injury selections prior to the first renewal on or after July 29, 2004.

Bl Matrix Factor

PD Matrix Factor

MDCL Matrix Factor

COMP Matrix Factor

COLL Matrix Factor

ADVANCE QUOTE DISCOUNT

Eff. 8-1-07

This discount applies to new business policies effective on or after January 30, 2006, if a quote is given to a customer, where credit is ordered, at least eight days prior to the policy effective date. The discount will last for three years (see rate tables). Existing Nationwide insureds are not eligible for the discount. This discount does not apply to policies eligible for the Intra Agency Transfer discount.

The Advance Quote Discount is applicable to the following coverages: Bodily Injury, Property Damage, Medical Payments, Family Compensation, Comprehensive, and Collision.

The following rules are applicable:

1. This discount is only applicable for the Nationwide Mutual Insurance Company.

RX03TM20: PLCY Advance Quote Discount Factor

Effective Date: AUG-01-2007

Policy Insured Term	Pricing-OSU-Eff-Date	Prior Carrier Company Code	Shopping Days	Advance Quote Discount Ractor
	<20060130			1.000
·		Nationwide Prior Carriers incl Titan		1.000
			0-7	1,0000 15 40 61,5 616
001	>20070731		8	0.920
001	>20070731		>8	0.920
002	>20070731		8	0:930
002	. >20070731	.	>8	0.930
3	>20070731		8	0.940
3	>20070731		>8	0.940 letter blever bei
4	>20070731 .		8	0.960
4	>20070731		>8	0.960
5	>20070731		8	9,970
5	>20070731	·	>8	0.970
6	>20070731		8	0.980
6	>20070731		>8	
>6	>20070731			
100	>20060129		8	
001	>20060129		>8	0.950
002	>20060129		8	0.950 magazina 0.975
002	>20060129		>8	0.975
Not(1, 2)	>20060129		-	1.000

RX03TM22: PLCY Preferred Discount

Effective Date: JUL-28-2006

Preferred Discount Flag	Preferred Discount		Preferred Discount	Preferred	Preferred Discount
08	0.85	ΛΔ.	1,00	Not(08, 09)	4,00

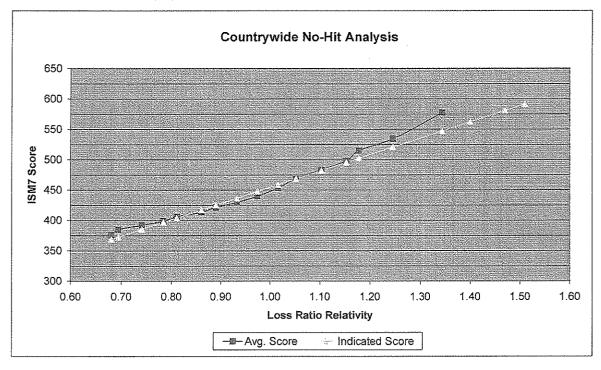
ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

ATTACHMENT D REVISION TO INSURANCE SCORE FOR NO-HITS AND THIN-FILES RULE 23 – POLICY GROUP

With this filing, Allstate is proposing a revision to the Insurance Score associated with No-Hits and Thin-Files in Age Group 19-64. Based on a countywide No-Hit analysis performed on sixteen states, including Arkansas, the indicated No-Hit Insurance Score for Age Group 19-64 is significantly higher than the current Insurance Score for this Age Group. Therefore, Allstate is proposing an Insurance Score of 590 for No-Hits and Thin-Files in Age Group 19-64. **Exhibit I** of this attachment displays the analysis supporting this revision. Please note that no revisions are being proposed to the assigned Insurance Score for No-Hits and Thin-Files for the Age Group <19 or the Age Group 65+.

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY & ALLSTATE FIRE AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO

EXHIBIT 1
INDICATED & RECOMMENDED INSURANCE SCORES FOR NO-HITS



IS Crown	CM Cut Offe	Loss Ratio Relativity	Average Insurance Score	Indicated Score***
IS Group	CW Cut Offs	·····		
1	0 - 381	86,0	376	369
2	382 - 388	0.69	385	372
3	389 - 395	0.74	392	385
4	396 - 402	0,78	399	396
5	403 - 409	0,81	406	404
6	410 - 417	0.86	413	417
7	418 - 425	0.89	421	425
8	426 - 433	0.93	430	436
9	434 - 446	0.97	440	448
10	447 - 460	1.02	453	459
11	461 - 476	1.05	468	468
12	477 - 490	1.10	483	482
13	491 - 506	1.15	498	495
14	507 - 524	1.18	515	502
15	525 - 546	1,25	534	521
16	547 - 999	1.34	578	547
Total	*	1,00	429	-

No-Hit **

_	Theoretical Loss Ratio	Current	Indicated	Recommended
Age Group	Relativity*	Score	Score	Score
<19	0.95	455	441	455
19 - 64	1.50	505	589	590
65+	0.96	430	444	430
All	1.46		578	580

States included AR, AZ, CO, DC, DE, ID, IL, KY,MO, NE, NV, OR, RI, UT, WV, WY

^{*}Loss ratio relativities exclude the tier rating factors.

^{**} Data from Calendar/Accident years 2005-2007 @ 6/07

^{***}Determined using a least-squares regression

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

RATE LEVEL IMPACT OF REVISIONS

Rate Level Impact due to the Revision to Future Effective Date Discount

The rate level impact of the above rating plan revision detailed in **Attachment C** is shown below. These impacts have been measured using an extension of exposures method and a recent snapshot of policyholders in AP&C with an estimated Future Effective Date discount distribution. Please note that these impacts are not the total impacts. The total rate level impacts by coverage are shown in the Summary subsection of this attachment.

Coverage	Rate Level Impact	
Bodily Injury	3.9%	
Property Damage	3.9%	
Medical	4.0%	
Collision	4.0%	
Comprehensive	4.1%	

Revision of Rate Adjustment Factors

To achieve the selected rate level changes for the rating program, Rate Adjustment Factors (RAF) will be revised for the following coverages: Bodily Injury, Property Damage, Medical, Collision, and Comprehensive. These selections along with the revision of rating plan factors shown on Page 1 will achieve the selected rate level changes shown in **Attachment A**.

Coverage	Current RAF	Proposed RAF	Change
Bodily Injury	1.184	1.243	5.0%
Property Damage	1.176	1.235	4.9%
Medical	1.350	1.636	21.2%
Uninsured Motorists	1.023	1.023	N/C
Underinsured Motorists	1.020	1.020	N/C
Collision	1.039	0.999	-3.9%
Comprehensive	1.038	0.998	-3.9%

A RAF is applied to the territorial base rate uniformly by coverage. A revision of a RAF is equivalent to a territorial base rate change that does not vary across territories.

Please also note that the changes above are not the total rate level impacts for the program. The total impacts are shown in the next subsection and reflect the changes from both the revision to rating plan factors as well as the revision to Rate Adjustment Factors.

Summary of Rate Level Impact

The combined impact of the rating plan factor revisions and RAF revisions is shown below.

Coverage	Rating Plan Factor Changes	RAF Change	Total Change
Bodily Injury	3.9%	5.0%	9.0%
Property Damage	3.9%	4.9%	9.0%
Medical	4.0%	21.2%	26.0%
Uninsured Motorists	N/C	N/C	N/C
Underinsured Motorists	N/C	N/C	N/C
Collision	4.0%	-3.9%	0.0%
Comprehensive	4.1%	-3.9%	0.0%

ALLSTATE PROPERTY AND CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

ATTACHMENT F SUMMARY OF MANUAL CHANGES

Rule Pages

<u>Page 23-1 – Rule 23</u>: Added wording to describe the No-Hit and Thin-File Insurance Score for policies with credit ordered or reordered after 2/23/09.

<u>Page 62-1 – Rule 62</u>: Revised wording of the Future Effective Date Discount Rule so that the discount applies only during the first three policy periods.

Rate Pages

<u>RP-2A – Premium Calculation</u>: Rate Adjustment Factors have been revised for Bodily Injury, Property Damage, Medical, Collision and Comprehensive coverages.

<u>RP-3A – New Car Expanded Protection Premium Calculation</u>: Rate Adjustment Factors have been revised for Collision and Comprehensive coverages.

RP-19A – Rating Factors: Future Effective Date Discount factors have been revised.

ALLSTATE PROPERTY & CASUALTY INSURANCE COMPANY PRIVATE PASSENGER AUTO ARKANSAS

Response to letter dated November 17, 2008 regarding Filing #R20571

1. Please advise why you are not requesting a decrease for comprehensive, since the indication is for a 36 percent decrease.

When determining selected rate level changes by coverage, consideration is given to the impact these changes may have on customers. By selecting a 0.0% rate level change for Comprehensive coverage, Allstate is able to mitigate the policyholder impacts, while still achieving the overall 4.4% selected change. For example, if the proposed rate level change for Comprehensive coverage was -36.0%, selected changes for liability coverages (Bodily Injury, Property Damage, Uninsured Motorist, and Medical coverages) would have to increase to maintain the overall requested 4.4% rate level change. In this instance, an existing customer who only carries the four coverages listed above would see an impact greater than 22%. While the indicated rate level change for liability coverages (Bodily Injury, Property Damage, Uninsured Motorist, and Medical coverages) in this filing is 24.8%, with the selected changes by coverage shown in the filing, the average increase for an existing policy carrying these four coverages is 8.8%.